



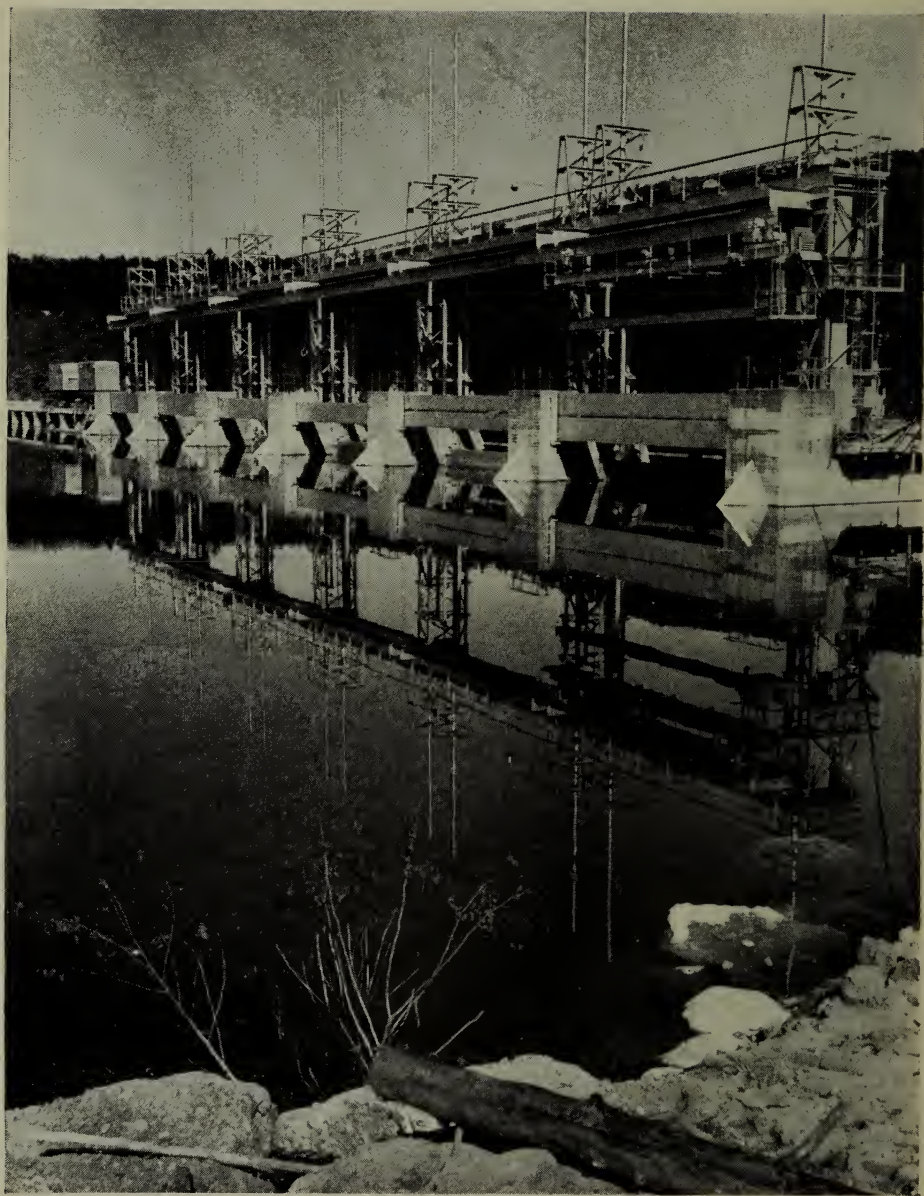








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McCONNELL LAKE CONTROL DAM GATES—DES JOACHIMS DEVELOPMENT

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Ontario, Hydro-Electric Power  
Commission

(FORTY-THIRD) ANNUAL REPORT

OF

# THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

FOR THE YEAR ENDED DECEMBER 31st

43d - 44th

1950-1951

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THE HYDRO-ELECTRIC POWER COMMISSION  
OF ONTARIO

1950

ROBERT H. SAUNDERS, C.B.E., K.C.....*Chairman*  
HON. GEORGE H. CHALLIES, PHM.B., M.L.A.....*1st Vice-Chairman*  
W. ROSS STRIKE, K.C.....*2nd Vice-Chairman*

---

R. L. HEARN  
*General Manager  
and Chief Engineer*

E. B. EASSON  
*Secretary*



HEAD OFFICE  
620 UNIVERSITY AVENUE - TORONTO, ONTARIO  
CANADA



## LETTER OF TRANSMITTAL

TORONTO, ONTARIO, MARCH 31, 1951

THE HONOURABLE RAY LAWSON, O.B.E., LL.D.,

*Lieutenant-Governor of Ontario.*

MAY IT PLEASE YOUR HONOUR:

It is my privilege, as Chairman, to present the Forty-third Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year ended December 31, 1950. It will be noted that the Commission's fiscal year has been changed to correspond with the calendar year.

We at Ontario Hydro are deeply conscious of our tremendous responsibility in relation to the welfare, happiness, and progress of the people of this Province.

The service rendered by Hydro in providing low-cost power in abundance for the use of our citizens and their children is one that is woven in a most vital and intimate way into our whole pattern of life and living.

Speaking not only for myself but for my very able colleagues on the Commission and the highly efficient management and employees of this great co-operative enterprise, I can say that there is cause for sincere gratification over the way Hydro has been meeting the many problems of these challenging times.

The remarkable achievements which have been chronicled in the history of Hydro since its inception only forty-five years ago were completely eclipsed by the unparalleled accomplishments of the year 1950.

It is indeed a high privilege for me, as Chairman, to direct attention to that record of progress as unfolded in the pages of this Annual Report.

During 1950, Hydro was called upon to face a sudden upsurge in the steadily mounting demands for power as a result of the war in Korea—a challenge which was met successfully.

It was also a year of outstanding achievement in the matter of adding new resources. The fact that four new hydro-electric stations and five emergency thermal stations were brought into service reflects the highest



possible credit upon all concerned. It is a tribute not only to the marked efficiency of our engineers and staff but to the tremendous contribution made by the men in the front line of construction—the forces of labour.

Through their combined, all-out efforts, Hydro was able to make available to the people of Ontario an additional installed capacity of 465,350 kilowatts during that period.

That additional capacity is made up as follows:

**In Southern Ontario**

|  |                   |
|--|-------------------|
| Des Joachims (7 of 8 units in service) . . . . . | 315,000 kilowatts |
| Chenau (2 of 8 units in service) . . . . .       | 30,000 kilowatts  |
| Five thermal installations . . . . .             | 20,350 kilowatts  |

**In Northeastern Ontario**

|  |                  |
|--|------------------|
| George W. Rayner Generating Station<br>(both units in operation) . . . . . | 42,000 kilowatts |
|--|------------------|

**In Thunder Bay**

|  |                  |
|--|------------------|
| Pine Portage (both units in operation) . . . . . | 60,000 kilowatts |
|--|------------------|

In considering the tremendous progress made by the Commission in expanding its resources, it is well to bear in mind what has been accomplished since 1945 when Hydro launched its record-breaking program. It was estimated that between 1945 and 1954 that program would involve an expenditure of approximately \$854,823,460. Up to the end of 1950, the sum of \$486,437,000 had been expended, bearing significant testimony to the magnitude of Hydro's accomplishment in a matter of five years.

During that period as many as 442 different projects were under construction at one time, employing per project from 10 men up to 3,100 at Des Joachims and costing from a few thousand dollars up to an approved on-the-site expenditure of \$75,775,000 for Des Joachims.

In addition to the remarkable record of progress represented by the new generating stations brought into service, Hydro's construction forces reached across the flourishing Ontario countryside to build the facilities required to bring the power to the people. In this important phase of the Commission's program, some 1,918 circuit miles of high- and low-voltage lines were erected, bringing the total up to 13,133 circuit miles in service by the end of 1950.

Construction of eight new transformer stations with a total capacity of 259,800 kilovolt-amperes was completed in 1950, while additions were made to seven existing stations with a capacity of 512,000 kilovolt-amperes.

**Rural**

While recognizing the necessity for providing a fully adequate supply of low-cost power to homes, factories, and other customers in the cities and towns, the Commission has been ever mindful of the vital role of agriculture in the over-all economy of Ontario. In this connection, Hydro has sought



to reach out into rural communities so that an ever increasing number of people may enjoy all the benefits and conveniences of low-cost power in their homes and on their farms.

The Commission's continuing policy of pressing on with rural electrification is again reflected in the record of progress during 1950.

In that period Hydro increased the number of miles of rural lines from 32,059 to 34,793 and the number of rural customers from 255,295 to 292,811. It is a matter of interest to note that between the beginning of 1945—when there were 144,218 rural customers—and the end of 1950, the number has more than doubled.

In 1950 the maximum aggregate rural load reached 234,752 kilowatts, whereas in 1945 it was 98,883 kilowatts, an increase in five years of 137.4 per cent. The average farm consumption in 1950 was 266 kilowatt-hours compared with 183 kilowatt-hours in 1945, an increase of 45.36 per cent.

Looking at the Ontario rural picture as a whole, we find that, based on the 1941 Dominion census, approximately 47 per cent of the farms in this Province were enjoying the benefits of electricity in 1947. This increased to 52 per cent in 1948, and 60 per cent in 1949. By 1950, electrical service had reached 67 per cent of the farms in this Province.

It is a source of great satisfaction to the Commission to be able to report that not only are the benefits of electricity being steadily extended to the rural areas, but also we are giving the farm and hamlet customers power at less cost than they paid prior to the last war. We were able to supply energy to the farmers of this Province at an average cost of 1.847 cents per kilowatt-hour in 1950 as compared with 2.11 cents in 1944, a decrease of 12.46 per cent. Bearing in mind that the average cost per kilowatt-hour was 2.55 cents in 1940, there has been a ten-year decrease of 27.57 per cent.

These facts reflect the continuing efforts by the Commission to provide power at low cost.

#### Urban and Industrial

The extent to which electricity is used in the home, the factory, on the farm, and elsewhere can be taken as a very faithful barometer of the standard of living enjoyed by the people. Facts and figures clearly indicate that the standard of living in Ontario is unsurpassed anywhere in the world.

During 1950, the housewife or domestic customer in Ontario was using, on the average, 304 kilowatt-hours per month as compared with 205 kilowatt-hours in 1945, an increase of 48.29 per cent since the end of the last war.

The average commercial customer in an urban centre consumed an average of 832 kilowatt-hours per month in 1950 compared with 627 kilowatt-hours in 1945, an increase of 32.7 per cent since the end of the war.

With production of essential defence materials and equipment being accelerated, demands for power moved to higher and higher levels. Four steel industries alone increased their demand by 66.7 per cent, three abrasive plants by 77.1 per cent, and four metallurgical and electro-metallurgical plants required 35.4 per cent more power.

#### **Co-operation Acknowledged**

The fact that the Commission was able to meet this tremendous challenge, which taxed its facilities to the limit, not only reflects credit upon the efficiency of the staff but accentuates the magnificent co-operation received from many sources.

Federal, Provincial, and municipal authorities as well as the people at large exemplified a fine spirit of team-play that was most helpful.

By way of illustration, the Commission records its deep appreciation of the action of The Hon. Lionel Chevrier and The Right Hon. C. D. Howe in granting permission for the diversion, some two months in advance of the customary date, of an additional 2,500 cubic feet of water per second through the Welland Ship Canal to increase the output of both the DeCew Falls Generating Stations.

Undoubtedly, one of the outstanding events of 1950 was the coming into force on October 10 of the Niagara Diversion Treaty. This action enabled the Commission to proceed with plans for development of additional power at Niagara. The Commission acknowledges with gratitude the efforts of The Right Hon. Louis S. St. Laurent, Prime Minister of Canada; The Hon. Lester B. Pearson, Secretary of State for External Affairs; The Hon. Leslie M. Frost, Premier of Ontario; The Hon. Charles Daley, Minister of Labour for Ontario; Mr. Hume H. Wrong, Canadian Ambassador to the United States of America, and all others concerned in relation to the passing of this vitally important treaty.

#### **Frequency Standardization**

Another source of gratification is to be found in the progress made by the Commission during 1950 in carrying out the all-important program of frequency standardization in the 25-cycle areas of southern Ontario. By the end of the year 343,020 frequency-sensitive pieces of electrical equipment owned by 86,000 customers had been changed over for operation on 60-cycle power.

#### **Financial**

One of the most significant indications of Hydro's unparalleled record of achievement is to be found in the fact that it has grown from a small group with little or no assets into a billion dollar co-operative enterprise and ranks today as one of the leading public utilities of the world. Hydro, it can be truly said, is the corner-stone of the economy and progress of this great Province.

The assets have more than doubled in the past five years, during the period of most concentrated growth in the Commission's history. Those of Ontario Hydro alone reached a record of \$989,709,166 by the end of 1950. In addition, the 314 cost and 7 fixed-rate municipalities associated with the Commission had assets totalling \$192,976,648, representing a combined total of \$1,182,685,814.

I would like to emphasize, however, that while these assets were being accumulated, more and more electricity was being supplied to the people of Ontario and at decreasing cost.

While your Hydro is expanding at an unprecedented rate today, we are not unmindful of the necessity of safeguarding tomorrow by providing adequate reserves with which to meet future financial demands. The total Commission and municipal reserves for depreciation, contingencies, frequency standardization, stabilization of rates, and sinking fund amounted to \$563,488,688 by the end of the year.

The revenue of the Commission for 1950 surpassed all previous records. The total revenue—from the Southern Ontario System, the Thunder Bay System, and rural power districts—aggregated \$91,685,431 in 1950. Your Hydro is deeply conscious of the absolute necessity for careful and efficient administration of the monies received from the delivery of low-cost power.

Evidence of the sound, non-profit principles upon which Ontario Hydro was founded and is operated is to be found in the fact that despite soaring material and labour costs, we were able to make a very substantial rebate of \$3,364,464 to the municipalities of the Southern Ontario and Thunder Bay Systems. This rebate, made possible by the favourable load growth, was distributed among local commissions and is being utilized for necessary rehabilitation and maintenance work.

#### **The Future**

While the Niagara Diversion Treaty made it possible to proceed with work on the new Sir Adam Beck-Niagara Generating Station No. 2 which will be in initial operation by 1954, Hydro must plan five or six years ahead.

All indications point to a continuing upward trend in the demand for power. Therefore, in anticipating the requirements of 1956 and beyond, the Commission hopes for prompt action in implementing the agreement between Canada and the United States for the development of the proposed St. Lawrence Seaway and Power Project. It is the duty of the Commission to be ever vigilant in protecting the interests of the people of this Province by providing a fully adequate supply of low-cost power to meet all needs.

#### **Press and Radio**

Helpful co-operation on the part of members of the press and the staffs of radio stations was exceedingly important in keeping the public fully informed on the operations and progress of the Commission. This co-operation is sincerely remembered and acknowledged.

**Personnel**

The Commission takes sincere pleasure in expressing appreciation to all members of its staff for their loyal, conscientious, and untiring service in meeting many exacting difficulties during 1950. At the end of the year, there was a total of 25,481 employed either directly or indirectly by the Commission. Included in this number were 5,447 working for Hydro but on the payrolls of contractors and consultants. Employed directly by the Commission were 20,024 workers. Of that number, 10,105 were permanent employees and 9,919 were on a temporary basis.

As Chairman, I have been deeply conscious of the all-important contributions made to the continuing progress of Hydro by my colleagues on the Commission, The Hon. George H. Challies and Mr. W. Ross Strike, K.C. I acknowledge also the untiring efforts of our most efficient General Manager and Chief Engineer, Mr. R. L. Hearn, and his able associates, Dr. Otto Holden and Mr. A. W. Manby, Assistant General Managers of Engineering and Administration respectively.

Respectfully submitted,

ROBERT H. SAUNDERS,

*Chairman*



## LETTER OF SUBMITTAL BY THE GENERAL MANAGER AND CHIEF ENGINEER

TORONTO, ONTARIO, MARCH 30, 1951

ROBERT H. SAUNDERS, ESQ., C.B.E., K.C., *Chairman*

and COMMISSIONERS

SIRS:

I herewith submit the Forty-third Annual Report of The Hydro-Electric Power Commission of Ontario for the fiscal year ended December 31, 1950.

The Report relates to the Commission's activities on behalf of the co-operative systems, both for municipal and rural supplies, and to its trusteeship of the Northern Ontario Properties for the Province.

Looking back at 1950, we discover a year of records in production, consumption, added capacity and investment, new customers, and revenues. We enjoyed a year of improved water supply but we had to meet unexpected demands in the Southern Ontario System. It was a year in which we had to revise our plans for the years ahead.

It is my wish to acknowledge the splendid part played by the staff during the year to make the Commission's operations so successful.

Respectfully submitted,

R. L. HEARN,

*General Manager  
and Chief Engineer*

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FORTY-THIRD ANNUAL REPORT  
OF  
**The Hydro-Electric Power Commission  
of Ontario**

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**FOREWORD**  
**and**  
**Guide to the Report**

**T**HE Hydro-Electric Power Commission of Ontario is a corporate body administering a province-wide co-operative enterprise to produce and distribute electric power. The members of the Commission, a Chairman and two Vice-Chairmen, are appointed by the Lieutenant-Governor-in-Council to hold office during pleasure. One Commissioner must be a member, and two may be members, of the Executive Council.

The Commission was created in 1906 by an enactment of the Ontario Legislature after consideration of recommendations made by advisory commissions. These had been appointed in response to public demand, as expressed by various municipal bodies such as municipal councils and boards of trade, that the water powers of Ontario, as an asset belonging to the people of the Province, be conserved and developed for their benefit.

The Commission operates under the authority of the Power Commission Act (7-Edward VII c. 19) passed in 1907 as an amplification of the Act of 1906 and subsequently modified by numerous amending acts (Revised Statutes of Ontario, 1950, c. 281). It is a separate entity, a self-sustaining public concern endowed by the Power Commission Act with broad powers to produce, buy, and distribute electricity, and to perform certain regulatory functions with respect to the activities of the electrical utility commissions of the member municipalities. The enterprise represented by the Commission and its customers is familiarly known in the Province as Hydro.

**Historical Note**

The history of The Hydro-Electric Power Commission of Ontario since its founding in 1906 may for convenience be divided into two main parts, the dividing point being the death of Sir Adam Beck in 1925. During the whole of the first period, Sir Adam as Chairman was a gifted leader and champion who made Hydro essentially what it remains today.

The undertaking initially proposed to purchase a block of 100,000 horsepower from the Ontario Power Company Limited at Niagara Falls and to distribute this to thirteen municipalities which had signed the original contracts with the Commission to take power at cost. In 1909 the task of constructing a transmission system to distribute power to the member

municipalities was begun and by the end of the following year power was being supplied to several of them. Similarly, and at about the same time, the Commission built a short transmission line and a substation to serve Port Arthur with power purchased from the Kaministiquia Power Company, the amount of which at first varied from 1,500 to 2,000 horsepower. These two pioneer systems eventually grew into the Southern Ontario and Thunder Bay Systems respectively. In 1911 the Severn System was established and in the years following other systems were established to serve groups of municipalities in various sections of the Province. By 1919 the number of systems had reached eleven where it remained until 1924 when the Severn, Eugenia, and Wasdells Systems were consolidated to form the Georgian Bay System. This consolidation resulted from the fact that the transmission lines serving the systems had been interconnected and because advantages in administration and efficiency of operation could be obtained.

Efforts to promote rural electrification began in 1911 and were pressed with vigour from 1921 when the Provincial Government undertook to assist with grants in aid of construction of rural distribution facilities.

Systematic measurement of stream-flows of Ontario rivers was undertaken from 1912. Research and the testing of electrical equipment was necessary from the very beginning and the Commission's Strachan Avenue laboratories were erected in 1913.

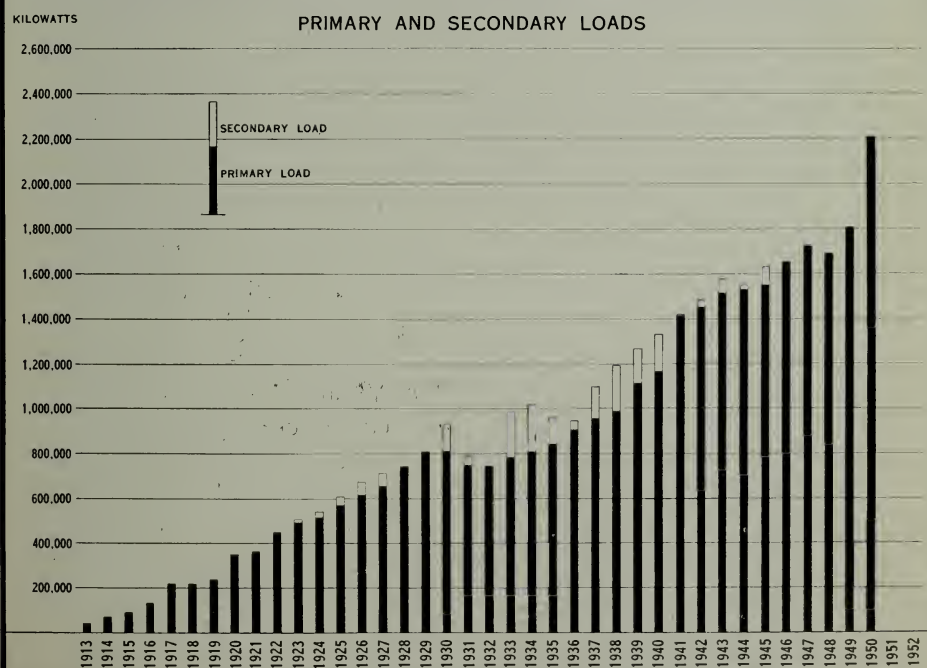
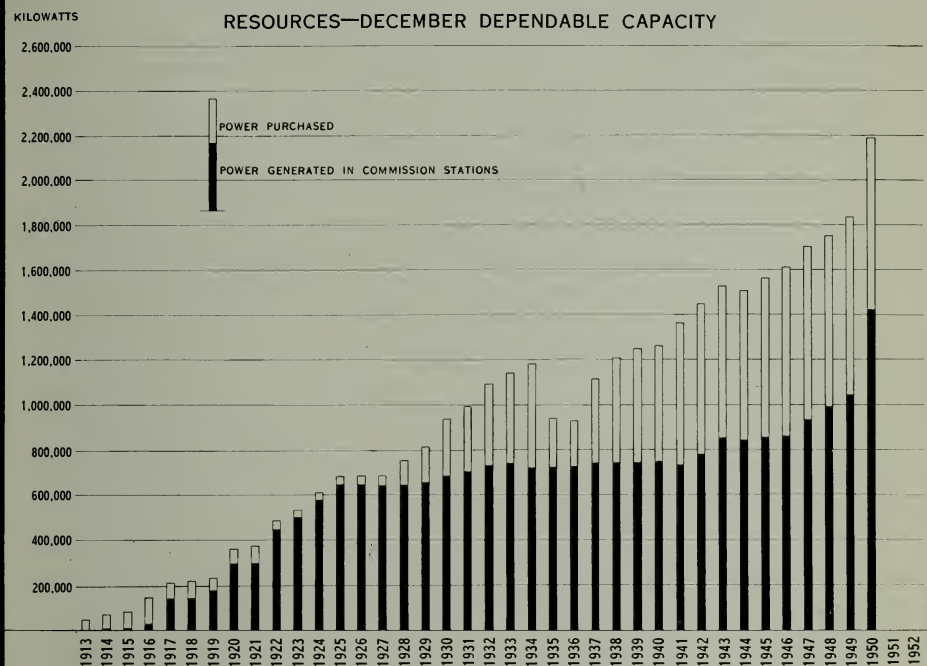
In 1914 the Commission purchased its first generating station, Big Chute on the Severn River, installed capacity 2,160 kilowatts. Later in the same year the first Commission-built generating station at Wasdells Falls, also on the Severn River, was placed in service with an installed capacity of 640 kilowatts. The program of purchase and construction of plants thus launched was climaxed with the construction at Niagara Falls between 1917 and 1925 of the great Queenston-Chippawa development which first delivered power early in 1922 and was, at the time of completion, the world's largest hydro-electric plant, having an installed capacity of 397,600 kilowatts.

During the quarter-century since Sir Adam Beck's death, Hydro has grown steadily and soundly. From 1926 onwards the Commission drew extensively upon large Quebec suppliers in order to fully satisfy Ontario's steadily growing demands for power. During the thirties the Commission undertook to operate in trust for the Provincial Government what are called the Northern Ontario Properties. These were a group of systems which mainly served mining and pulp-and-paper industries and which were not interconnected. The process of consolidation of systems begun in 1924 continued and in 1944 the Southern Ontario System was created by uniting the former Niagara, Georgian Bay, and Eastern Ontario Systems.

The Commission was able, during World War II, to supply the power needed for the remarkable expansion of essential war production that occurred in Ontario. In 1940 work began on the diversion of water from the Ogoki River basin into Lake Superior to supplement the Commission's power resources. In 1942 Barrett Chute Generating Station on the Madawaska River, installed capacity 40,800 kilowatts, was completed. In the following year the first unit of the 25-cycle generating station at DeCew Falls was placed in service, capacity 41,225 kilowatts. It had been expected that when the war

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## FORTY YEARS RECORD — SOUTHERN ONTARIO SYSTEM





was over there would be some cessation in the steady growth of power loads but instead, the Commission was confronted with continuing heavy power demands from its customers. As soon as materials and men became available a large-scale construction program was inaugurated which added between 1945 and 1950 735,000 kilowatts to the December dependable capacity of the Commission's generating stations, principally through the erection of six new hydro-electric stations and extensions to two others. Details of the post-war construction program are provided throughout this Report.

The rapid growth of Hydro in recent years and the consolidation of systems have made necessary a number of changes in organization and administration. In 1944 a comprehensive revision of rural service was placed in operation, the chief features of which were the establishment of a rural rate structure uniform throughout the Province by the amalgamation of all rural power districts. In 1947 the Commission took a step toward decentralization when the Province was divided for both administrative and operational purposes into nine regions, the geographical boundaries of which are shown on a map facing page 340.

In 1949 the Commission began the standardization at 60 cycles of those parts of the Southern Ontario System then served at a frequency of 25 cycles. This is an operation of great magnitude and complexity requiring much planning in meticulous detail and the employment of many technical skills. Completion of the project is expected to take approximately ten years.

During 1950 the Commission took the first steps toward the construction of a new 450,000-kilowatt generating station at Niagara to be named the Sir Adam Beck-Niagara Generating Station No. 2. The former Queenston-Chippawa Generating Station was renamed the Sir Adam Beck-Niagara Generating Station No. 1 at the time of the twenty-fifth anniversary of the first Chairman's death.

### Organization

The organization of the Commission covers three main functions—policy making, policy interpretation, and action. The Commissioners constitute the final authority on policy decisions. The General Manager and Chief Engineer is the principal executive officer and is responsible for the carrying out of Commission policy and decisions, principally through the means of the two main branches of the organization—Engineering and Administration—each of which is headed by an Assistant General Manager.

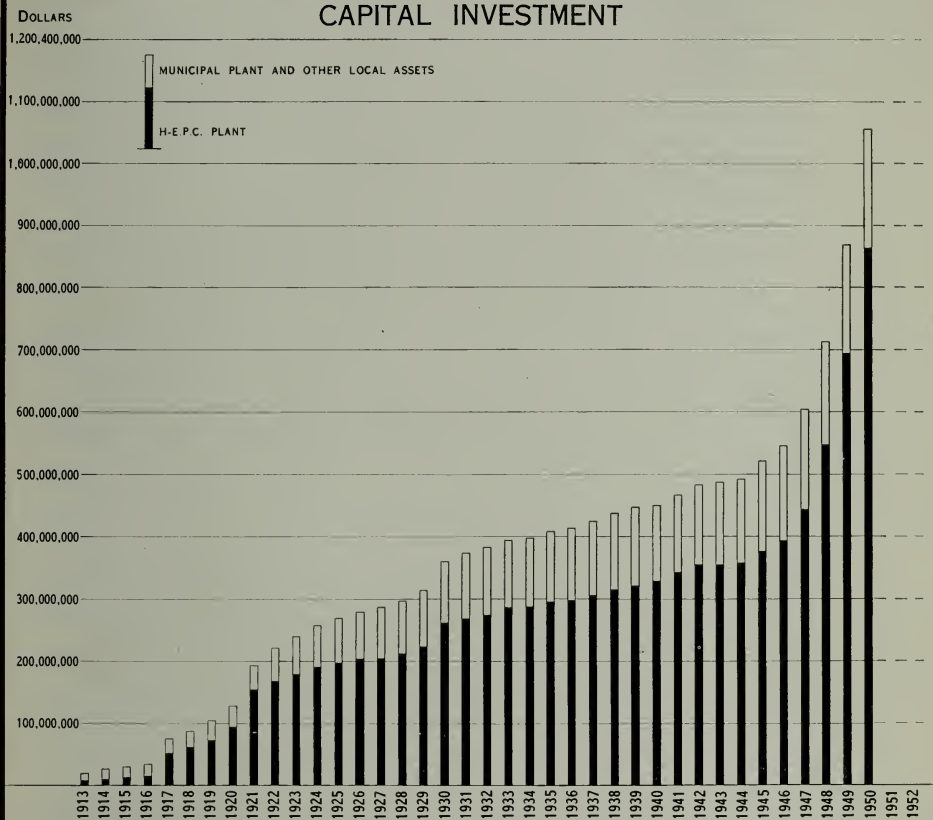
### Systems

The three systems now in operation are the Southern Ontario System, the Thunder Bay System, and the Northern Ontario Properties. The first and second of these are referred to as the co-operative systems as each serves a group of municipalities receiving power at cost under contracts established according to the provisions of The Power Commission Act. The Commission also serves directly certain industrial customers and the rural customers within the borders of these systems. The Southern Ontario System serves the older, more populous part of Ontario, the triangular peninsula enclosed by Lakes Huron, Erie, and Ontario, and the St. Lawrence and Ottawa Rivers. The Thunder Bay System serves a smaller locality at the Lakehead on the northwestern shore of Lake Superior.

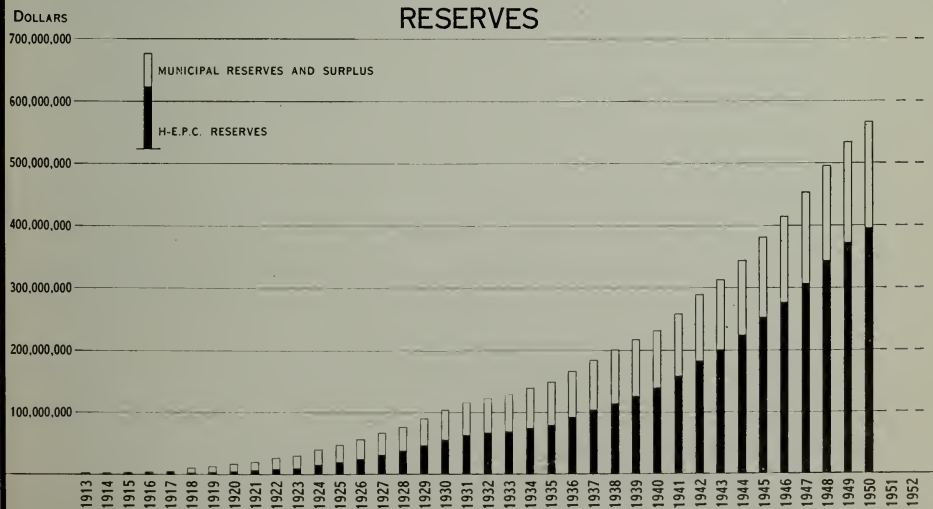
## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## FORTY YEARS RECORD — ALL SYSTEMS

## CAPITAL INVESTMENT



## RESERVES



The system called Northern Ontario Properties is not a system in the same sense as the two just described. It is rather a group of systems serving districts extending north and west from the vicinity of Lake Nipissing almost to James Bay and to the Manitoba border. The Nipissing, Sudbury, Manitoulin, Algoma, Timiskaming, and Cochrane Districts lie within the Commission's Northeastern Region. The various transmission systems serving these districts, formerly separate, have been completely integrated since 1949. During 1950 a tie-line was placed in service between North Bay and the new Southern Ontario System generating stations on the upper Ottawa River. This interconnection between the Southern Ontario System and that part of Northern Ontario Properties situated in the Northeastern Region makes possible interchange of power and increases the security of both systems. The other districts served by the Northern Ontario Properties are Patricia and Rainy River, north and west of the territory of the Thunder Bay System. These districts and the Thunder Bay System together constitute the Commission's Northwestern Region. Customers in Patricia District are served by a system of local generating stations while Rainy River District receives its power from the Thunder Bay System. With the completion early in 1951 of an interconnection between Moose Lake Transformer Station and Dryden Transformer Station the whole of the Northwestern Region becomes integrated.

#### Financial Features of the Co-operative Systems

The basic principle governing the financial operations of the undertaking is that electric service is provided by the Commission to the municipalities and by the municipalities to the customers at cost. Cost includes not only all operating and maintenance charges, interest on capital investment, and reserves for depreciation, for contingencies and obsolescence, and for stabilization of rates, but also a reserve for a sinking fund to retire the Commission's capital debt.

The undertaking from its inception has been entirely self-supporting with the exception that the Provincial Government through grants-in-aid provides for 50 per cent of the cost of the rural distribution lines. This is done in pursuance of the Province's long-established policy of assisting agriculture, a policy approved of by citizens living in urban communities. The Province also guarantees the payment of principal and interest of all bonds issued by the Commission.

With the exception of fifteen suburban sections of townships known as "voted areas", all townships and 150 of the smaller villages are now served as an amalgamated rural division of Hydro service with a uniform rate structure. Thus, no matter where rural service is supplied in Ontario by Hydro, all rural customers, for the same class of service with the same consumption of electricity, pay the same amount.

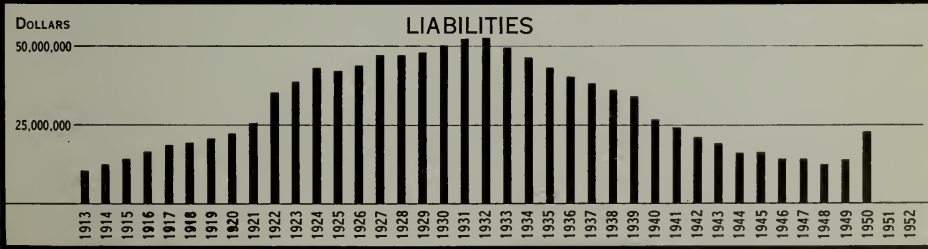
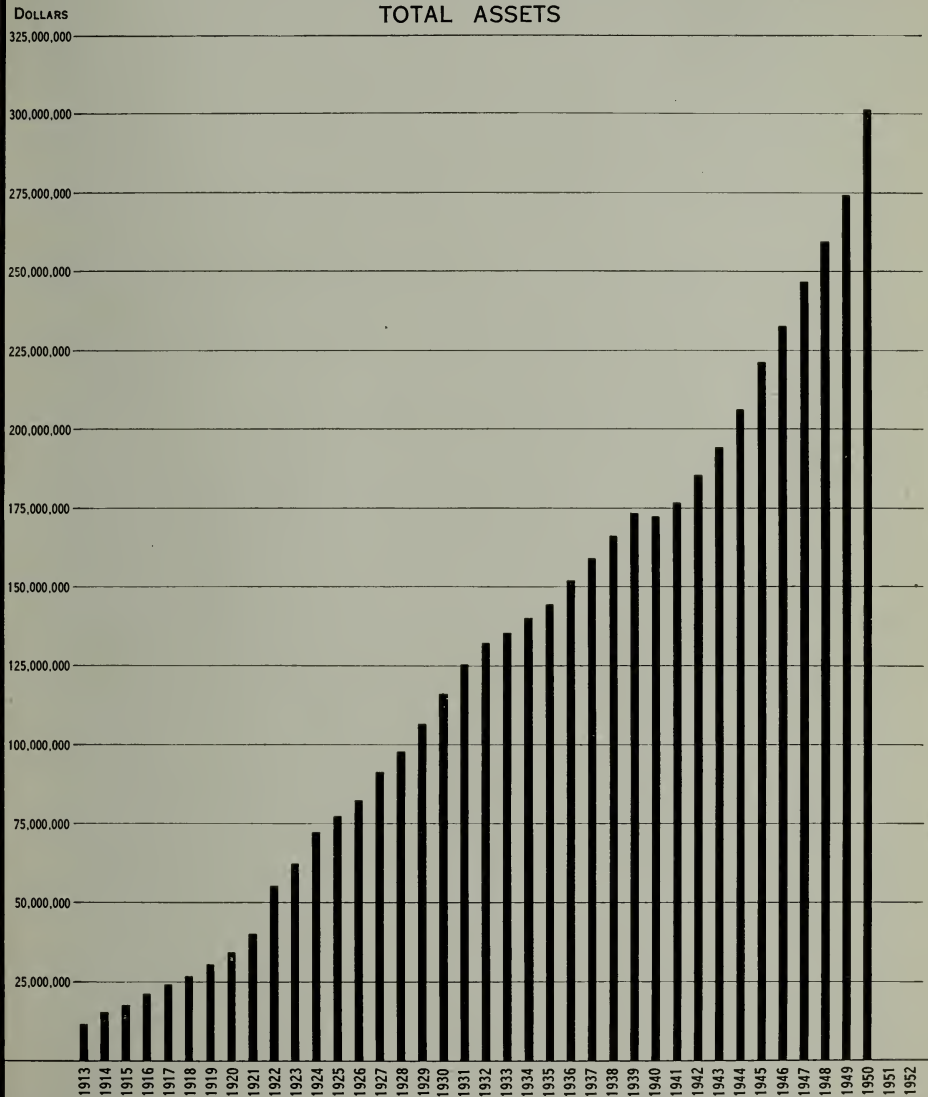
The undertaking as a whole involves two distinct phases of operations as follows:

The *First* phase of operations is the provision of the power supply—either by generation or purchase—and its transformation, transmission, and delivery in *wholesale* quantities to individual municipal utilities, to



THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

MUNICIPAL ELECTRICAL UTILITIES  
FORTY YEARS RECORD



large industrial customers, and to rural power districts. This phase of the operations is performed by The Hydro-Electric Power Commission of Ontario.

The *Second* phase of operations is the *retail* distribution of electrical energy to customers within the limits of the areas served by the various municipal utilities and throughout the rural areas of the Province. For the consolidated rural power districts the Commission not only provides the power wholesale, but also—on behalf of the respective townships—attends to all physical and financial operations connected with the retail distribution of energy to the customers within the rural operating areas into which the consolidated rural power districts are divided for administrative purposes.

In the case of cities, towns, many villages, and certain thickly populated areas of townships, retail distribution of electrical energy provided by the Commission is in general conducted by municipal commissions under the general supervision of The Hydro-Electric Power Commission of Ontario as provided for in The Power Commission Act and The Public Utilities Act.

#### **Fourteen-Month Fiscal Period**

The fiscal period to which this Report relates extended from November 1, 1949 to December 31, 1950. The necessity for a fourteen-month period arose from a decision to make future fiscal years coincide with calendar years, commencing January 1, 1951. Where comparisons between the statistics for the 1950 fiscal year and those of earlier years are made, the 1950 figures have been reduced to a twelve-month basis. In other cases the 1950 statistics relate to the full fourteen-month fiscal period.

#### **Guide to the Report**

Section I, Operation of the Systems, describes and discusses the production, purchase, and distribution of power during the fiscal year. Details are given of loads carried, demands, water resources, weather conditions, and other factors affecting operations in the three systems. There are also sections on the maintenance of the systems and on forestry work.

Section II, Financial Statements, contains the Commission's balance sheets, statements of operations, and other financial information to give a comprehensive picture of the financial system and condition of the co-operative systems and the Northern Ontario Properties.

Section III, The Commission and its Customers, provides a description and analysis of the municipalities and direct customers served by the Commission with tables and graphs depicting the growth in domestic and commercial service within urban municipalities. Reports from the regions relating to municipal activities contain brief notes on such events as the construction of new distribution facilities and the admission of new municipalities. Reports on the Commission's frequency standardization program, direct service to industries, and electrical inspection activities are also included in this section.

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

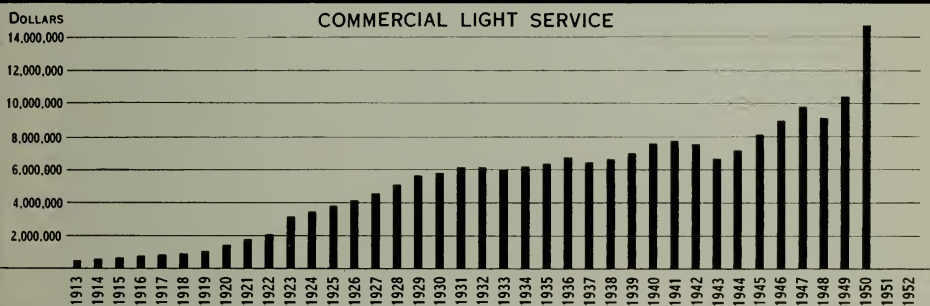
## MUNICIPAL ELECTRICAL UTILITIES

## FORTY YEARS REVENUES

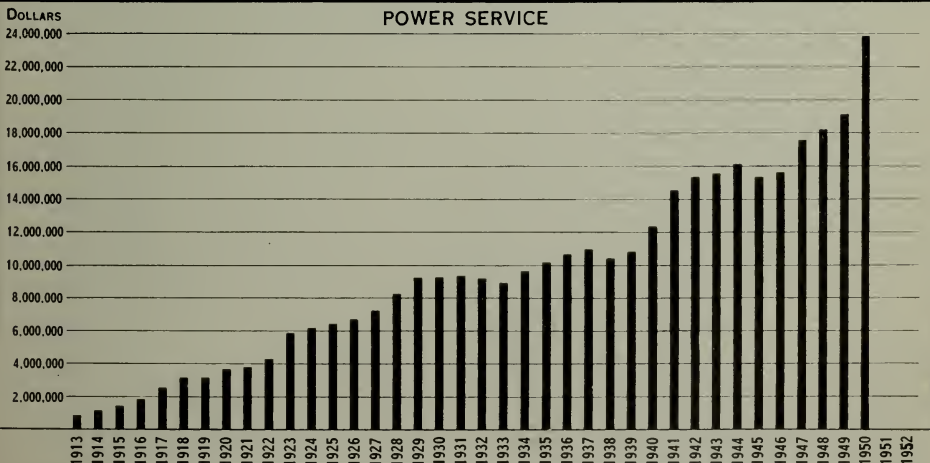
## DOMESTIC SERVICE



## COMMERCIAL LIGHT SERVICE



## POWER SERVICE



Section IV, Rural Electrical Service in Ontario, reports on the growth of supply and the trend in the cost of electrical service throughout rural Ontario.

Section V, Engineering and Construction, tells of the construction of generating and distributing facilities, giving data and descriptions of the more important projects.

Section VI, Research and Testing Activities, contains reports on the various projects to which some forty panels of engineers and technical men devoted full or part time with a view to increasing the efficiency, economy, and safety of the Commission's operations.

Section VII, Personnel Administration, is devoted to a brief description of the Commission's staff and of some recent developments affecting its members.

Section VIII, Municipal Accounts, is the largest in the Report. In a series of four tabular statements, it presents the balance sheets, operating reports, rates, and consumption statistics of 321 municipalities served by the Commission.

Appendix I, Operations, contains a table of generating station capacities and outputs, and a table showing the loads and consumption of energy of the Commission's municipal customers.

Appendix II, Financial, contains various supporting schedules to supplement the financial statements contained in Section II.

Appendix III, Rural, gives the details of rural rates.

Appendix IV, Engineering and Construction, provides details of changes in the Commission's transmission and distribution systems.

Appendix V, Acts and Orders in Council, reproduces amendments to The Power Commission Act and a list of agreements approved.

The attention of the reader is drawn to the comprehensive index at the end of the Report.

### LIST OF ABBREVIATIONS

|             |   |        |                              |
|-------------|---|--------|------------------------------|
| A.T.S.      | —autotransformer station                        | min.   | —minimum                     |
| d-c         | —direct current                                 | N.O.P. | —Northern Ontario Properties |
| D.S.        | —distributing station                           | ph.    | —phase                       |
| F.C. & T.S. | —frequency-changer and transformer station      | rpm    | —revolutions per minute      |
| G.S.        | —generating station                             | R.S.   | —regulating station          |
| H-E.P.C.    | —The Hydro-Electric Power Commission of Ontario | S.O.   | —Southern Ontario            |
| hp          | —horsepower                                     | S.S.   | —switching station           |
| Imp. Dist.  | —Improvement District                           | T.B.   | —Thunder Bay                 |
| kv          | —kilovolt(s)                                    | T.S.   | —transformer station         |
| kva         | —kilovolt-ampere(s)                             | Twp.   | —Township                    |
| kw          | —kilowatt(s)                                    | v      | —volt                        |
| kwh         | —kilowatt-hour(s)                               | V.A.   | —voted area                  |



## SECTION I

### OPERATION OF THE SYSTEMS

#### Additions to Generating Capacity—Remarkable Increases in Demand—Water Supply Deficient in Northeastern Region

**I**N June 1950, the Commission set a record of achievement when three new generating stations were officially opened within two weeks. They were the 42,000-kilowatt George W. Rayner Generating Station on the Mississagi River north of Thessalon, the 60,000-kilowatt Pine Portage Generating Station on the Nipigon River, and the 358,000-kilowatt Des Joachims Generating Station on the Ottawa River. After preliminary tests, the George W. Rayner and Pine Portage stations were operated at full capacity, while at Des Joachims seven of the eight 45,000-kilowatt units were in service by the end of the year. In addition, two of the eight 15,000-kilowatt generators at the newly constructed Chenaux Generating Station on the Ottawa River, some 60 miles below Des Joachims, were placed in service in November and December 1950.

To help meet the growing demand for electricity, five emergency fuel-electric stations, with capacities totalling 61,000 kilowatts were placed in service between November 1949 and April 1950.

The Commission also acquired two small hydro-electric generating stations at Merrickville and Burks Falls when these municipalities became associated with the System. These generating stations, capable of producing 900 kilowatts and 250 kilowatts respectively, were formerly owned by the Rideau Power Company Limited and Knight Brothers Company Limited. In connection with the Merrickville purchase, the Commission also acquired a distribution system from the Kemptville Milling Company.

The Commission operated 64 hydro-electric and 7 fuel-electric generating stations during the fiscal year. The Otto Holden (Construction) Generating Station however was not operated after March 1950. These stations produced 12,378,521,053 kilowatt-hours during that period. In addition, the Commission purchased under its regular, temporary, and short-term power

agreements 5,880,079,157 kilowatt-hours, making a total of 18,258,600,210 kilowatt-hours generated and purchased during the fiscal year. The record production for 1950 exceeded that of 1949 by 12.0 per cent but was still insufficient to meet the unprecedented demands for power.

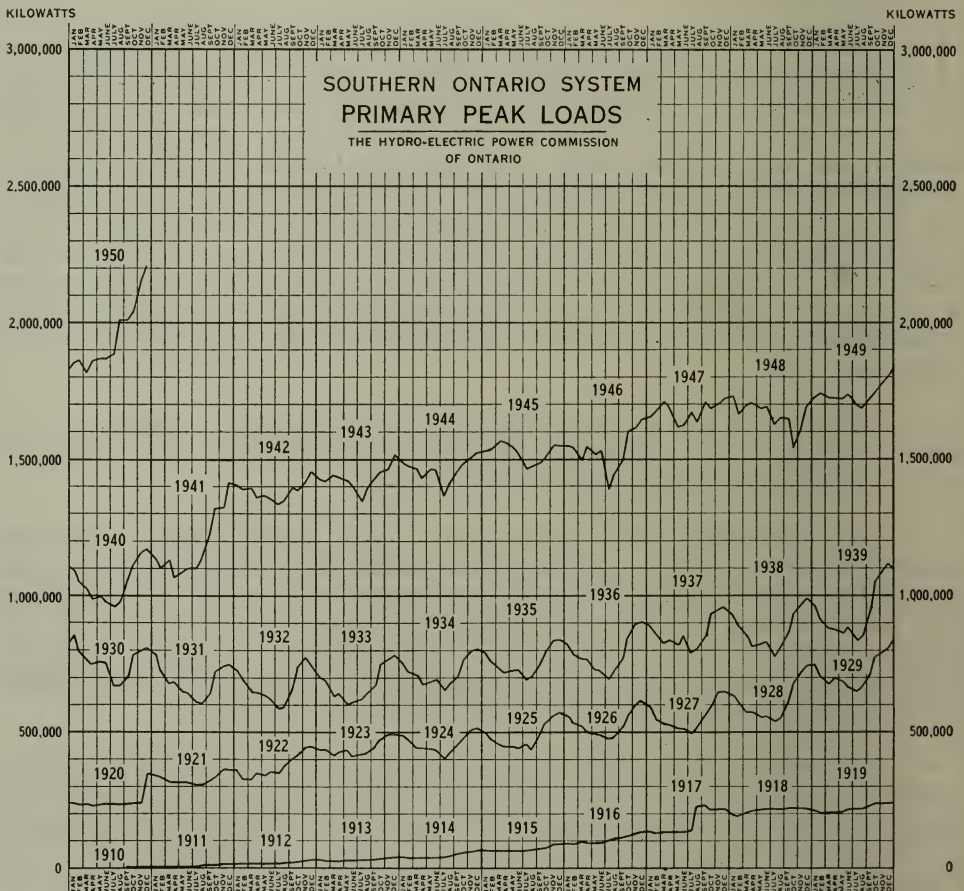
The tables supplying details of the capacities and outputs of the Commission's generating stations and the loads of municipalities that formerly appeared in this section of the Report appear now in Appendix I along with summary tabulations and statements of the Commission's operations during the fiscal year.

As operating conditions differ in the Commission's three systems, they are dealt with separately.

### SOUTHERN ONTARIO SYSTEM

#### Load Trends

The maximum amount of power used in the Southern Ontario System advanced from 1,806,850 kilowatts in December 1949 to 2,210,929 kilowatts



in December 1950, an increase of 22.4 per cent. During the fiscal year, 14,788,433,270 kilowatt-hours were used within the System. The production of the calendar year 1950 exceeded that of 1949 by 12.2 per cent.

Despite the addition of large blocks of power to the System and although water supply was better than in 1948 or 1949, the Commission was not in a position to supply total primary power requirements and it was necessary on most working days to curtail the loads of several industrial customers supplied directly by the Commission. Assistance was also obtained through voluntary conservation practised by consumers.

During the first six months of 1950, actual primary peak demands were running 6 to 8 per cent higher than in the previous year, much as had been forecast. It seemed probable that an adequate supply of power would be available to meet the power requirements anticipated in the fall and winter. Consequently, the restrictive measures which had been in force since the first of the year were revoked on June 28, 1950. However, commencing in July there was a remarkable upsurge in primary power demands and the rates of increase, which had been 7 per cent in mid-June, became 10 and 12 per cent in July, advancing to 16 per cent by September, or a rate of growth nearly five times that considered to be the long-term average.

Some assistance was afforded the Commission by certain municipalities which co-operated by remaining on Daylight Saving Time until November 26. In addition, the Department of Transport permitted the use of an additional 2,500 cubic feet per second of water through the Welland Ship Canal to enable the Commission to increase the output of its DeCew Falls



DES JOACHIMS GENERATING STATION—OPERATIONS CONTROL ROOM



Generating Stations by over 1,000,000 kilowatt-hours per day commencing October 12. Usually this additional diversion is made available to the Commission only during the non-navigation period from about December 15 to April 1. The new treaty between the United States and Canada covering the diversion of water from the Niagara River became effective at about the same time as the additional diversion through the Welland Ship Canal.

Following the return of all municipalities to Standard Time, primary peak demands soared to new highs, with the December peak reaching 2,360,864 kilowatts, an increase over that of December 1949 of 373,829 kilowatts or 18.8 per cent. It is estimated that, had the unrestricted demands of 1949 been met, the load would have reached 2,100,000 kilowatts. Therefore the actual growth in 1950 was probably 12.4 per cent. The rate of load growth experienced from July to December, which was both unseasonal and unprecedented, reflected industrial expansion; greater domestic, commercial, and rural demands for power; and the accelerated production of essential materials for defense purposes. At the end of the year the Commission had almost overtaken its primary energy demand but was still unable to completely fill daily primary peak demands.

#### Operation

The first unit at the newly constructed Des Joachims Generating Station was placed in service on July 6 and by the end of the fiscal year seven of the eight units were producing power. At Chenaux Generating Station the first and second of the eight units planned for this station were placed in service on November 20 and December 5, 1950. In addition, five emergency fuel-electric stations, with a total capacity of 61,000 kilowatts, were placed in service between November 1949 and April 1950.

As a result of the placing in service of the 1950 portion of the Commission's development program, offset slightly by the non-availability after February 1950 of 37,000 kilowatts formerly obtained through a special purchase from the Canadian Niagara Power Company, the dependable peak capacity of the resources available to the Southern Ontario System rose from 1,835,000 kilowatts in December 1949 to 2,181,000 kilowatts in December 1950, an increase of 346,000 kilowatts or 18.9 per cent.

Speaking generally, temperatures were subnormal over the entire Province from mid-February 1950 until October. The water situation early in the winter season of 1949-50 was decidedly unfavourable throughout southern Ontario and the watersheds of the Commission's Quebec suppliers. However, from the last week of December 1949 and during most of January a substantial improvement resulted from unseasonably mild weather and heavy rains. The rapid depletion of storage reserves was checked and at the close of the freshest period most reservoirs throughout southern Ontario as well as those in Quebec were full. A fairly heavy draft on storage reserves became necessary during the late summer and early fall but seasonal rains during November created above normal run-off which necessitated wasting water at several of the Commission's stations. As the year closed, storage conditions were good throughout the Southern Ontario System and excellent in the basins of the Commission's Quebec suppliers.



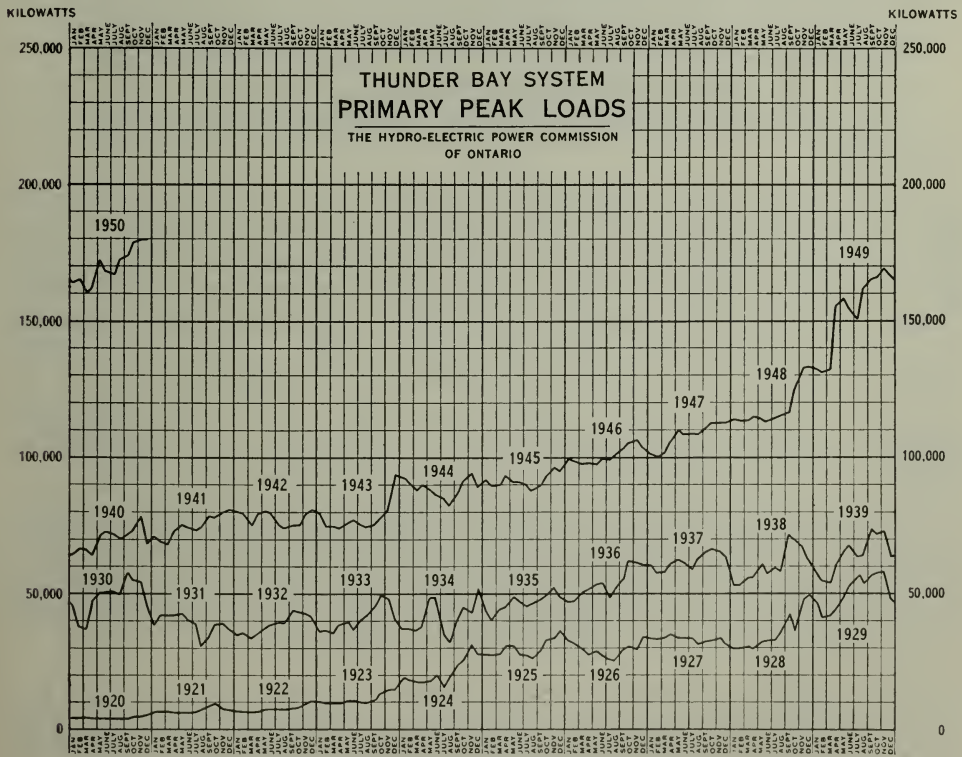
In addition to using all of the energy available under the main purchased power agreements, the Commission took delivery of excess energy from the Canadian Niagara, Beauharnois, Gatineau, Maclaren-Quebec, and Ottawa Valley Power Companies, and purchased power from customers who had diesel and steam-electric stand-by units. During the fiscal year, approximately 1,088,000,000 kilowatt-hours were purchased for the Southern Ontario System under temporary or short-term agreements.

THUNDER BAY SYSTEM

**Load Trends**

The maximum peak load carried on the Thunder Bay System was 224,710 kilowatts in December 1950, an increase of 49,832 kilowatts or 28.5 per cent over that of the corresponding month in the previous year. The total energy generated and purchased during the fiscal year amounted to 1,542,913,640 kilowatt-hours. The calendar year production was 15.2 per cent greater than that of 1949.

The primary peak demand rose from 166,978 kilowatts in December 1949 to 179,710 kilowatts in December 1950, an increase of 7.6 per cent.



The primary energy demand for the fourteen months of the current fiscal year was 1,357,313,640 kilowatt-hours which for the calendar year showed an increase of 9.3 per cent over the corresponding demand in 1949.

All primary demands on the combined System, including Rainy River District, were met during the year and, in addition, 185,600,000 kilowatt-hours were produced for the operation of process-steam boilers owned by several paper companies.

### **Operation**

The power situation in the Thunder Bay System was relieved greatly when Pine Portage Generating Station on the Nipigon River was placed in service. This addition, together with the purchase of a relatively small amount of power for rural areas, raised the dependable peak capacity of the resources available to the System from 172,000 kilowatts in December 1949 to 232,600 kilowatts in December 1950, an increase of 60,600 kilowatts or 35.2 per cent.

Natural flows and lake-levels, which had been predominantly above normal, led to excellent water conditions throughout the Thunder Bay System during the fall and winter months of 1949-50. The snow cover, which had an unusually high content of water, was also above normal and led to a spring freshet which rapidly replenished the various storage basins. Throughout the remainder of the year natural flows and lake-levels were above normal and water conditions were excellent.

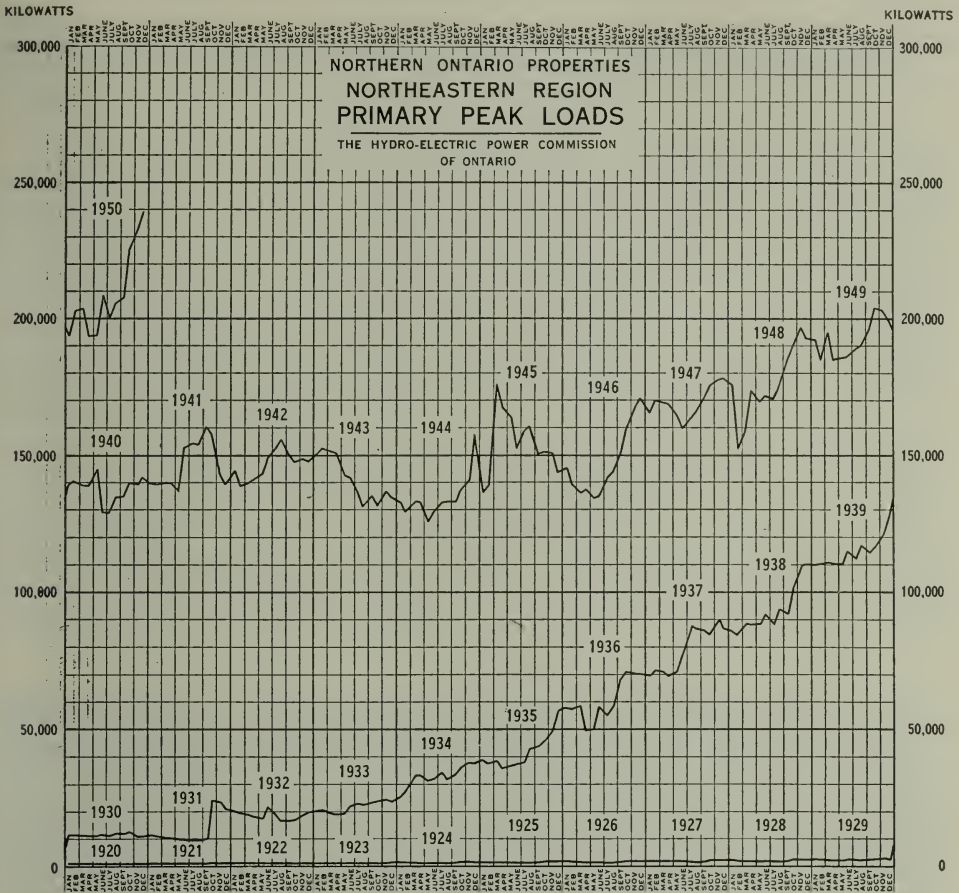
## **NORTHERN ONTARIO PROPERTIES**

### **Load Trends**

The Commission's Northeastern Region was wholly integrated on October 16, 1949 when Manitoulin Island was electrically connected with the mainland. Since November 1, 1949, therefore, statistics on loads have been reported for the Northeastern Region as an operating unit. The Patricia District, a part of the Northwestern Region, had no physical connection with other districts during 1950 although a tie-line to connect it with the Thunder Bay System was under construction. Statistics of loads in the Patricia District are therefore compiled separately and the total load of the Northern Ontario Properties is the sum of the loads of the Northeastern Region and the Patricia District.

The maximum amount of power used in the Northern Ontario Properties rose from 221,712 kilowatts in December 1949 to 278,926 kilowatts in December 1950, an increase of 25.8 per cent. The total energy produced amounted to 1,927,253,300 kilowatt-hours in the fiscal year, the calendar year's production being 8.3 per cent more than that of 1949.

The primary peak demand occurring in December 1950, 258,411 kilowatts, was 18.4 per cent greater than that of December 1949. Had there been no restrictions in the Northeastern Region in 1949, it is estimated that



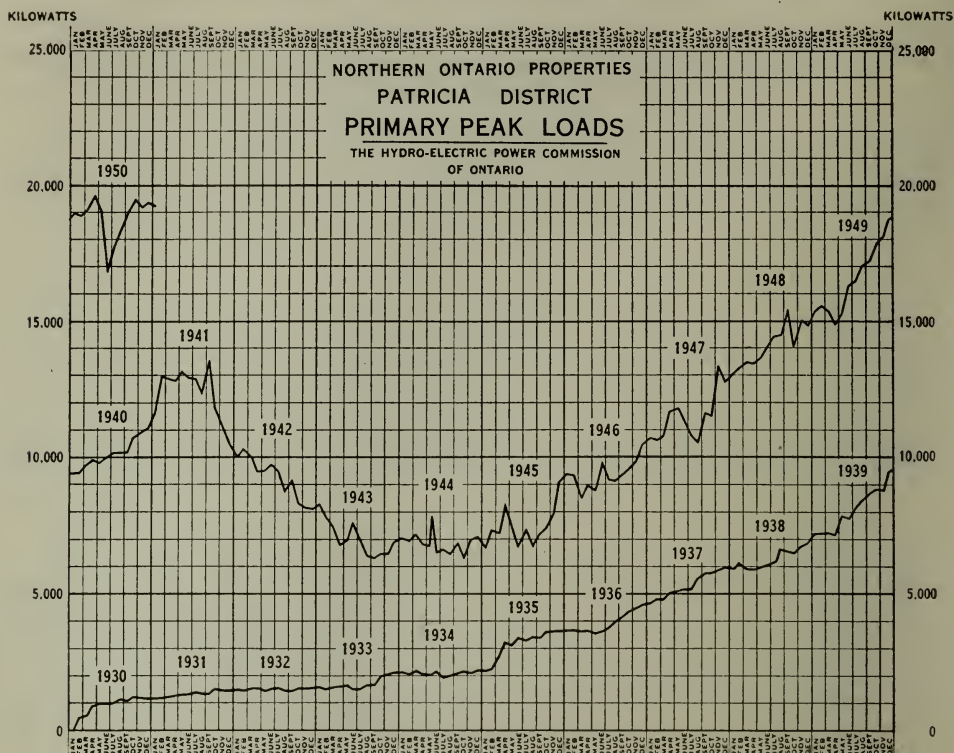
the primary peak demand of the Northern Ontario Properties would have reached 222,700 kilowatts, indicating an actual load growth of approximately 16 per cent. The primary energy demand for the fiscal year ended December 1950 amounted to 1,799,156,548 kilowatt-hours. In the calendar year ended December 1950, the energy demand was 6.6 per cent greater than that in 1949.

### Operation

The first unit at George W. Rayner Generating Station was placed in service July 15, 1950, and by the end of the month this station was operating at full capacity. This major installation, together with minor revisions in the capacities of existing stations, resulted in the dependable peak capacity of the resources available to the Northern Ontario Properties rising from 275,200 kilowatts in December 1949 to 316,700 kilowatts in December 1950, an increase of 41,500 kilowatts or 15.1 per cent.

Late in 1949, a serious water situation developed throughout the Northeastern Region as a result of prolonged subnormal precipitation. Water conditions continued to deteriorate until late in January 1950. The spring





freshet began in April and provided relatively high flows throughout the spring months. By the end of June all storage reservoirs were full. During the summer, precipitation and natural flows were again below normal so that by autumn a shortage of water was again imminent. Fortunately, heavy rains during October and November increased river-flows and raised the levels of storage lakes and at the end of 1950 water conditions were excellent.

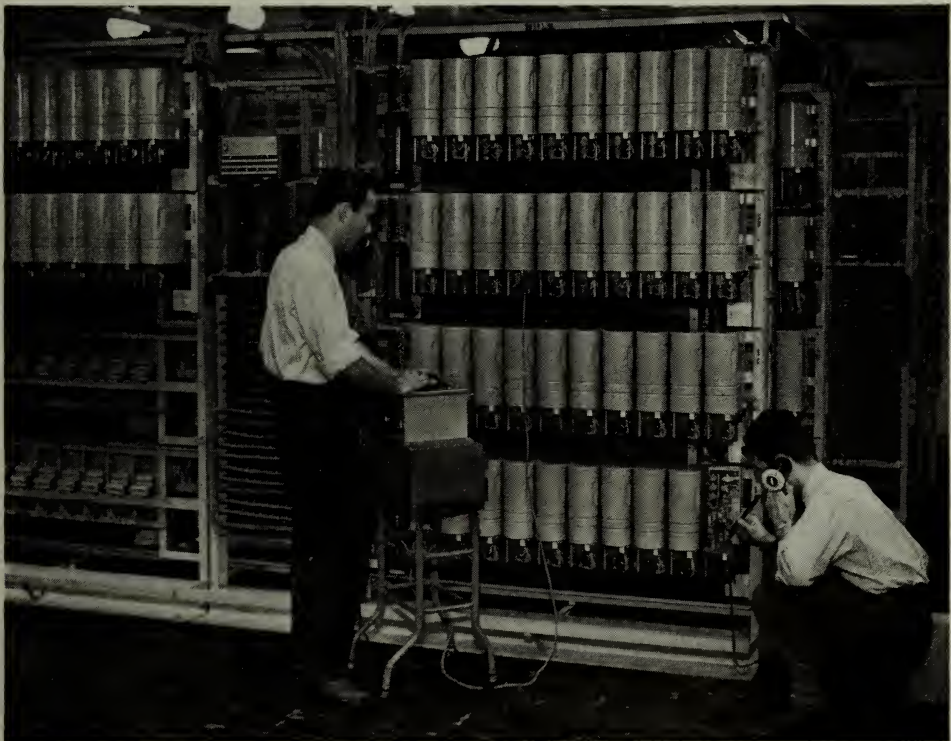
The water situation during the fall of 1949 made it necessary to reduce supply to all customers in the Northeastern Region by approximately 10 per cent commencing November 21, 1949. A further reduction in quotas became necessary on January 16, 1950 and regulations restricting the use of electricity for certain purposes were placed in effect. Fortunately, water conditions soon improved, permitting a return to the original quotas on January 27. As the general situation improved, regulations were suspended on February 13 and quotas were increased to about 93 per cent of normal takings prior to November 1949. By March 27, 1950 the system of quotas was abolished and normal conditions were restored.

The Commission was able during 1950 to interconnect its 25-cycle network with that of the Northern Quebec Power Company so that power from the Quebec Hydro-Electric Commission's Rapide VII Generating Station could be made available to the Northeastern Region. Parallel operations

commenced in December 1949 and continued to March 1950 during which time the Commission purchased 15,721,721 kilowatt-hours from the Quebec Commission.

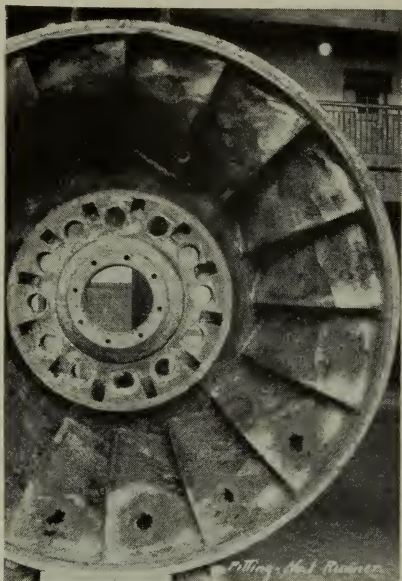
During periods when deliveries were in excess of those required to meet primary demands, some 107,000,000 kilowatt-hours of surplus energy were supplied to the Abitibi Power & Paper Company for the operation of electric boilers. Power was also interchanged with the same firm at other times in order to make the most advantageous use of river-flows, with the result that approximately 19,000,000 kilowatt-hours were supplied to the Commission during the fiscal year. Assistance was also received from the Mattawa Electric Light and Power Company, the Otto Holden Construction (steam) Generating Station, the Huronian Company, and from customers having fuel-electric stand-by units.

In the Patricia District, resources were adequate to meet all primary power demands except for the period between May 25 and June 24, 1950. During this period the rate of discharge from Lac Seul reduced the output of Ear Falls Generating Station so that it became necessary to restrict delivery of primary power. Approximately 22,500,000 kilowatt-hours were produced during the fiscal year for the operation of electric boilers owned by four mining customers.



HEAD OFFICE AUTOMATIC TELEPHONE EXCHANGE—Checking the new second-selector rack installed to permit expansion of the Commission's internal communications facilities





#### ELECTRIC WELDING

Left: Pitting of the vanes on No. 1 runner at Sir Adam Beck-Niagara Generating Station No. 1

Right: Close-up of a portion of the same runner after the vanes were repaired by welding

### MAINTENANCE OF THE SYSTEMS

#### Mechanical

In addition to routine maintenance and inspection of all hydraulic equipment, five large turbines, four of which were in the Niagara district and one at the Chats Falls Generating Station, were completely overhauled. Essential overhauling and reconditioning of the smaller turbines, principally those in the stations serving the Northeastern Region, were carried out.

#### Electrical

During the past year, the stator coils of three small and one large generator were completely replaced. Five generators and two synchronous condensers were given major overhauls. In addition to the foregoing major repairs, the majority of the generators and synchronous condensers were given routine inspections with minor overhaul. Minor repairs, made necessary by lightning damage, were effected on a number of smaller generators, the majority of which were older units situated in the northern part of the Province.

Minor improvements were made to several high-voltage switchgear units to improve their operating characteristics.

Transformer failures were relatively few. Nine large and twenty small units were rebuilt and twenty-four large and sixty small transformers were given a general overhaul.

The Commission purchased and installed in the Bridgman Transformer Station electrical maintenance shops an oil re-treating unit capable of processing oil at the rate of about 500 gallons per normal working day. This unit is being used to rehabilitate oil, the acid content of which has, as a result of its many years of service in various pieces of electrical equipment, risen above the permitted values for insulating oil. Although tests are still being conducted it is expected that the rehabilitated oil will have properties only slightly inferior to those of new oil.

#### Transmission Lines

Severe storms in January, February, and November 1950 caused considerable damage to poles, lines, and transformers. During the February storm, 2,375 poles were broken or left leaning, 2,500 breaks were made in conductors, and 150 small transformers were damaged.

During periods of general line maintenance, 15,000 distribution poles and 4,000 transmission poles, which were found to be defective, were replaced.

Helicopter patrol of the more important high-voltage transmission lines, which was inaugurated during 1949, continued with the helicopter flying 40,000 miles on line patrol and inspection work during 1950.

### FORESTRY WORK

#### Line Clearing

The following table shows the work that has been performed on transmission, rural, and municipal line-clearing operations during the fiscal year 1950, exclusive of the work done by linemen:

Summary of Line Clearing Operations

|  | Brush<br>cutting<br>pole spans | Trees<br>treated | Miles of<br>line<br>cleared | Tree<br>density<br>per mile |
|--|--------------------------------|------------------|-----------------------------|-----------------------------|
| New line construction.....             | 122                            | 31,315           | 545                         | 58                          |
| Municipal systems (37).....            |                                | 11,149           | 133                         | 84                          |
| Transmission and telephone lines.....  | 1,434                          | 70,328           | 2,464                       | 29                          |
| Rural operating areas.....             | 808                            | 125,604          | 2,298                       | 55                          |
| Rural operating areas—Contractors..... | 694                            | 26,923           | 544                         | 50                          |
| Totals.....                            | 3,058                          | 265,319          | 5,984                       | 44                          |

#### Forest Management

Approximately 62 acres of land in the Niagara Region were planted with 74,000 trees. In preparation for the 1951 reforestation program, an order for 94,500 seedling trees was placed with the Department of Lands and Forests.



#### BRUSH CONTROL

Experimental control of right-of-way brush by means of chemical herbicides. The untreated portion is in the foreground.

Preliminary arrangements were made to make land-use surveys of Commission-owned property in several of the regions to determine the extent of wooded areas as well as the amount of reforestation required.

Approximately 144 acres of reforested area at Trenton were sprayed with chemicals to control an outbreak of the pine saw-fly.

Power sprays were used in eight of the nine regions to control insects, fungus diseases, and weeds. Transmission rights-of-way were also sprayed with chemicals to control underbrush, and stumps were chemically treated to control regrowth following cutting operations. All of these operations produced excellent results.

Training of forestry personnel was carried on at the Commission Training Centre. Courses lasting from two to eight weeks were attended by 98 employees.



## SECTION II

### FINANCIAL STATEMENTS

Relating to

**Properties Operated by The Hydro-Electric Power Commission of  
Ontario on Behalf of Co-operating Municipalities and Rural  
Power Districts of the Southern Ontario System and  
the Thunder Bay System,**

and to

**Northern Ontario Properties Held and Operated by the Commission  
in Trust for the Province of Ontario**

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**I**N this section of the Report and in Appendix II are presented financial statements of The Hydro-Electric Power Commission of Ontario, segregated into certain distinct divisions. The first division relates to those activities on behalf of the co-operating municipalities, which are partners in the main Hydro undertaking comprising the Southern Ontario System, the Thunder Bay System, and rural power districts associated with these two systems. The second relates to the administration of the Northern Ontario Properties which are held and operated by the Commission in trust for the Province of Ontario.

#### **Co-operative Systems**

In the Foreword to this Report a brief reference is made to the basic principle governing the operations of the Hydro undertaking in supplying electric service at cost, and to the wholesale and retail aspects of the operation. A description is also given of the systems within which the partner municipalities are co-ordinated for securing common action with respect to power supplies.

The first tables in Section II give collective results for the activities in the two co-operative systems. These tables include a balance sheet, a statement of operations, and statements of funded debt, followed in Appendix II by detailed supporting schedules of fixed assets and reserves. Appendix II

also contains tables which relate to the individual municipality's part in the wholesale activities of the Commission.

The charges for power supplied by the Commission to the various municipalities vary with the amounts of power used, the distances from the sources of supply, and other related factors. The municipalities are billed at estimated interim rates each month during the year and credit or debit adjustments are made at the end of the year when the Commission's books are closed and the actual cost payable by each municipality for power taken has been determined. Schedules in Appendix II in the Report set out these results.

Included in the municipality's remittance to the Commission for the wholesale cost of power is a sinking fund provision on a 40-year basis for the purpose of liquidating capital liabilities. A table shows the sinking fund equity that has been acquired by each municipality.

The ultimate source of all revenue to meet costs—whether for the larger operations of the Commission or for the smaller local operations of the municipalities—is, of course, the customer. Out of the total revenue collected by each municipal utility from its customers for service supplied, only an amount sufficient to pay the wholesale cost of power supplied by the Commission is remitted to it. The balance of municipal electrical revenue is retained to pay for the expense incurred by the local utility in distributing the electrical energy to its customers.

### **Northern Ontario Properties**

The statements and schedules of these properties include the balance sheet, statement of operations and, in Appendix II, detailed schedules of fixed assets and reserves. These schedules are similar in form to the corresponding schedules relating to the co-operative systems.

### **Municipal Utilities**

The balance sheets, operating reports, and statistical data of individual municipalities appear in Section VIII, under the heading of "Municipal Accounts," and relate to the operation of local distribution systems. To this section there is an explanatory introduction to which the reader is specially referred.

### **Auditing of Accounts**

The accounts of the Commission are verified by auditors appointed by the Provincial Government. The accounts of the electrical utility of each individual municipality are prepared according to approved and standard practice and The Public Utilities Act requires that they shall be audited by the auditors of the municipal corporation.



## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### FINANCIAL ACCOUNTS

For the fourteen-month period ended December 31, 1950

Relating to Properties operated on a "Cost Basis" for the Co-operating  
Municipalities and Rural Power Districts which are supplied with  
Electric Power and Services from the following Properties:

Southern Ontario System

Thunder Bay System

Service and Administrative Buildings and Equipment

|   | Statement<br>No. | Page |
|---|------------------|------|
| Balance Sheet as at December 31, 1950.....  | 1                | 26   |
| Statement of Operations for the fourteen-month period ended<br>December 31, 1950.....     | 2                | 28   |
| Schedules supporting the Balance Sheet as at December 31, 1950:                           |                  |      |
| Funded Debt.....  | 5                | 34   |
| Advances from the Province of Ontario.....  | 6                | 36   |
| Fixed Assets—By Systems and Properties.....   | 7                | 295  |
| Fixed Assets—Changes During Year.....   | 8                | 300  |
| Depreciation Reserves.....  | 9                | 304  |
| Frequency Standardization Reserve.....  | 10               | 304  |
| Contingencies and Obsolescence Reserves.....  | 11               | 305  |
| Stabilization of Rates Reserves.....  | 12               | 306  |
| Rural Power Districts—Rates Suspense Account.....   | 13               | 306  |
| Sinking Fund Reserve.....   | 14               | 307  |
| Statements of Cost of Power for the fourteen-month period ended<br>December 31, 1950..... | 15 & 16          | 308  |
| Statements of Sinking Fund Payments by Municipalities.....                                | 17 & 18          | 326  |

### NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of  
Ontario in trust for the Province of Ontario

### FINANCIAL ACCOUNTS

For the fourteen-month period ended December 31, 1950

|   | Statement<br>No. | Page |
|---|------------------|------|
| Balance Sheet as at December 31, 1950.....                                      | 3                | 30   |
| Operating Account for the fourteen-month period ended<br>December 31, 1950..... | 4                | 32   |
| Schedules supporting the Balance Sheet as at December 31, 1950:                 |                  |      |
| Fixed Assets—By Districts.....  | 19               | 330  |
| Fixed Assets—Changes During Year.....   | 20               | 334  |
| Depreciation Reserve.....   | 21               | 336  |
| Contingencies and Obsolescence Reserve.....                                     | 22               | 336  |
| Sinking Fund Reserve.....   | 23               | 336  |

# THE HYDRO-ELECTRIC POWER SOUTHERN ONTARIO AND

## BALANCE SHEET AS AT

### ASSETS

#### FIXED ASSETS AT COST:

|   |                      |
|---|----------------------|
| Southern Ontario System.....  | \$568,838,960.76     |
| Thunder Bay System.....   | 71,284,695.54        |
| Administrative and service buildings and equipment.....             | 14,717,708.37        |
| Rural Power Districts.....  | \$ 97,280,342.23     |
| Less grants in aid of construction from<br>Province of Ontario..... | 48,223,013.73        |
|   | <u>49,057,328.50</u> |

\$703,898,693.17

Less reserve for depreciation..... 97,153,337.70

\$606,745,355.47

#### CURRENT ASSETS:

|   |                     |
|---|---------------------|
| Working funds.....  | \$ 180,001.97       |
| Temporary investments in government bonds at amortized<br>cost (approximate market value \$3,954,000.00)..... | 3,999,505.63        |
| Sundry accounts receivable.....   | 2,287,903.47        |
| Power accounts receivable.....  | 8,116,004.78        |
| Rural Power Districts grants receivable.....  | 1,292,988.63        |
| Interest accrued.....   | 697,807.87          |
| Consumers' deposits.....  | 357,500.00          |
| Prepayments and sundry deposits.....  | 199,957.04          |
| Northern Ontario Properties—current account.....  | <u>2,814,898.74</u> |

19,946,568.13

#### INVENTORIES:

|  |                      |
|--|----------------------|
| Construction and maintenance materials and supplies..... | \$ 25,371,844.57     |
| Construction and maintenance tools and equipment.....    | <u>10,386,492.80</u> |

35,758,337.37

#### DEFERRED CHARGES AND OTHER ASSETS:

|  |                     |
|--|---------------------|
| Frequency standardization—equipment and supplies.....      | \$ 21,560,642.85    |
| Debenture discount and expense less amounts written off... | 5,874,936.69        |
| Agreements, mortgages, and sundry investments.....         | 128,645.21          |
| Work in progress—deferred work orders.....                 | <u>1,915,143.51</u> |

29,479,368.26

#### RESERVE FUND INVESTMENTS:

|  |                      |
|--|----------------------|
| Investments in government and government guaranteed<br>bonds at amortized cost (approximate market value<br>\$90,623,712.00) |                      |
| Held for: Pension fund.....  | \$ 22,990,956.93     |
| Employers' liability insurance fund.....   | 3,526,398.15         |
| Contingencies and obsolescence and stabilization<br>of rates reserves.....   | <u>59,965,953.29</u> |

86,483,308.37

\$778,412,937.60

## COMMISSION OF ONTARIO

## THUNDER BAY SYSTEMS

Statement No. 1

DECEMBER 31, 1950

## LIABILITIES AND RESERVES

## LONG TERM LIABILITIES (at par of exchange):

|   |                         |                         |
|---|-------------------------|-------------------------|
| Funded debt.....  | \$503,077,000.00        |                         |
| Less debentures issued to finance Northern Ontario Properties, a separate trust operated by the Commission for the Province of Ontario..... | 68,369,000.00           |                         |
|   | <u>\$434,708,000.00</u> |                         |
| Advances from the Province of Ontario....   | \$ 67,783,042.40        |                         |
| Less advances for Northern Ontario Properties, a separate trust operated by the Commission for the Province of Ontario.....                 | 4,592,359.40            |                         |
|   | <u>63,190,683.00</u>    |                         |
|   |                         | <u>\$497,898,683.00</u> |

## CURRENT LIABILITIES:

|                                     |               |                      |
|-------------------------------------|---------------|----------------------|
| Bank overdraft (secured).....       | \$ 706,031.72 |                      |
| Accounts and payrolls payable.....  | 12,916,185.30 |                      |
| Power accounts—credit balances..... | 60,404.58     |                      |
| Consumers' deposits.....            | 535,434.11    |                      |
| Debenture interest accrued.....     | 2,916,848.03  |                      |
| Miscellaneous accruals.....         | 564,547.37    |                      |
|                                     |               | <u>17,699,451.11</u> |

## SPECIAL RESERVES:

|  |                  |                      |
|--|------------------|----------------------|
| Pension fund.....                        | \$ 23,149,649.64 |                      |
| Employers' liability insurance fund..... | 3,560,206.00     |                      |
| Frequency standardization.....           | 42,575,296.48    |                      |
|  |                  | <u>69,285,152.12</u> |

## GENERAL RESERVES:

|   |                  |                      |
|---|------------------|----------------------|
| Contingencies and obsolescence.....       | \$ 37,843,587.88 |                      |
| Stabilization of rates.....               | 23,828,899.57    |                      |
| Rural Power Districts—rates suspense..... | 2,383,869.21     |                      |
| Miscellaneous.....                        | 1,261,230.49     |                      |
|   |                  | <u>65,317,587.15</u> |

## SINKING FUND RESERVE:

|   |                |                         |
|---|----------------|-------------------------|
| Represented by funded debt and provincial advances retired through sinking funds..... | 128,212,064.22 |                         |
|   |                | <u>\$778,412,937.60</u> |

Commitments under uncompleted contracts for the construction of fixed assets, approximately \$19,000,000.

## Auditors' Report

We have examined the balance sheet of the Southern Ontario and Thunder Bay Systems of The Hydro-Electric Power Commission of Ontario as at December 31, 1950 and the related statement of operations for the fourteen-month period ended on that date. In connection therewith we made a general review of the accounting methods and, without making a detailed audit of the transactions, examined or tested the accounting records of the Commission and other supporting evidence by methods and to the extent we deemed appropriate. We received all the information and explanations we required from its officers and employees.

We report that in our opinion the above balance sheet and the statement of operations have been drawn up so as to exhibit a true and correct view of the state of the affairs of the Southern Ontario and Thunder Bay Systems of the Commission at December 31, 1950 (subject to the trusts which prevail in respect thereto) and of the results of their operations for the fourteen-month period ended on that date, according to the best of our information and the explanations given us and as shown by the books of the Commission.

CLARKSON, GORDON & CO.  
Chartered Accountants.

Toronto, Canada,  
June 5, 1951.

## THE HYDRO-ELECTRIC POWER

## SOUTHERN ONTARIO AND

## STATEMENT OF

## For the Fourteen-Month Period

|   | Southern Ontario<br>System |
|---|----------------------------|
|   | \$                         |
| <b>COST OF POWER:</b>   |                            |
| Cost of power purchased.....  | 17,618,364.73              |
| Operating, maintenance, and administrative expenses.....  | 16,596,690.92              |
| Interest (including interest on funded debt and reserves less interest<br>earned on investments).....                         | 17,523,665.05              |
| Provision for depreciation.....   | 4,158,173.84               |
| Provision for contingencies and obsolescence.....   | 6,021,968.98               |
| Provision for frequency standardization.....  | 6,984,158.80               |
| Provision for stabilization of rates.....   | 4,650,484.89               |
| Provision for sinking fund.....   | 73,553,507.21              |
| Cost of power supplied to Rural Power Districts by systems.....   | 8,420,163.38               |
| Total.....  | 65,133,343.83              |
| <b>AMOUNTS BILLED TO MUNICIPALITIES AND OTHER CUSTOMERS:</b>  |                            |
| Municipalities (at interim rates).....  | 52,680,264.21              |
| Rural Power Districts.....  | 15,626,830.46              |
| Companies.....  | 114,155.79                 |
| Mining area.....  | 68,421,250.46              |
| Local distribution systems.....   | 3,287,906.63               |
| Total.....  |                            |
| Excess or <i>deficiency</i> of amounts billed.....  |                            |
| <hr/>   |                            |
| <b>Municipalities:</b>  |                            |
| Excess of amounts billed over cost of power, credited to<br>municipalities on annual adjustment of cost of power:             |                            |
| Southern Ontario System.....  | \$ 3,287,906.63            |
| Thunder Bay System.....   | 76,557.19                  |
|   | \$ 3,364,463.82            |
| <b>Rural Power Districts:</b>   |                            |
| Excess or <i>deficiency</i> of revenue over cost of power transferred<br>to the Rural Power Districts rates suspense account: |                            |
| Southern Ontario System.....  | \$ 148,479.58              |
| Thunder Bay System.....   | 55,417.78                  |
|   | 93,061.80                  |
|   | \$ 3,457,525.62            |



## COMMISSION OF ONTARIO

## Statement No. 2

## THUNDER BAY SYSTEMS

## OPERATIONS

Ended December 31, 1950

| Thunder Bay System | Distribution in Rural Power Districts |             | Total         |
|--------------------|---------------------------------------|-------------|---------------|
|                    | Southern Ontario                      | Thunder Bay |               |
| \$                 | \$                                    | \$          | \$            |
| 41.47              |                                       |             | 17,618,406.20 |
| 1,382,677.00       | 5,003,648.39                          | 93,586.11   | 23,076,602.42 |
| 2,222,270.49       | 1,972,902.20                          | 39,450.97   | 21,758,288.71 |
| 484,489.98         | 1,003,342.81                          | 20,237.84   | 5,666,244.47  |
| 399,521.81         | 803,536.85                            | 6,810.01    | 7,231,837.65  |
|                    |                                       |             | 6,984,158.80  |
| 83,476.33          |                                       |             | 83,476.33     |
| 614,881.38         | 532,868.81                            | 10,655.48   | 5,808,890.56  |
| 5,187,358.46       | 9,316,299.06                          | 170,740.41  |               |
| 72,937.75          | 8,420,163.38                          | 72,937.75   |               |
| 5,114,420.71       | 17,736,462.44                         | 243,678.16  | 88,227,905.14 |
| 1,831,036.62       |                                       |             | 54,511,300.83 |
|                    | 17,884,942.02                         | 188,260.38  | 18,073,202.40 |
| 2,918,914.95       |                                       |             | 18,545,745.41 |
| 441,026.33         |                                       |             | 441,026.33    |
|                    |                                       |             | 114,155.79    |
| 5,190,977.90       | 17,884,942.02                         | 188,260.38  | 91,685,430.76 |
| 76,557.19          | 148,479.58                            | 55,417.78   | 3,457,525.62  |



## NORTHERN ONTARIO

## Held and operated by The Hydro-Electric Power Commission

## BALANCE SHEET AS AT

## ASSETS AND DEFICIT

## FIXED ASSETS AT COST:

|   |                     |
|---|---------------------|
| Northern Ontario Properties.....                                    | \$ 98,426,727.41    |
| Administrative and service buildings and equipment.....             | 390,393.90          |
| Rural Power District.....   | \$ 9,563,227.49     |
| Less grants in aid of construction from<br>Province of Ontario..... | 4,725,546.86        |
|   | <u>4,837,680.63</u> |

\$103,654,801.94

Less reserve for depreciation..... 9,155,541.40

\$ 94,499,260.54

## CURRENT ASSETS:

|                                     |                     |
|-------------------------------------|---------------------|
| Working funds.....                  | \$ 18,605.00        |
| Sundry accounts receivable.....     | 36,141.81           |
| Power accounts receivable.....      | 1,172,391.94        |
| Interest accrued.....               | 12,328.26           |
| Consumers' deposits—securities..... | 1,772,975.00        |
| Prepayments.....                    | 8,223.98            |
|                                     | <u>3,020,665.99</u> |

3,020,665.99

## INVENTORIES:

|   |                     |
|---|---------------------|
| Maintenance materials and supplies..... | \$ 1,126,295.82     |
| Maintenance tools and equipment.....    | 421,585.22          |
|   | <u>1,547,881.04</u> |

1,547,881.04

## DEFERRED CHARGES AND SUNDRY ASSETS:

|   |                     |
|---|---------------------|
| Debenture discount and expense less amounts written off... \$   | 914,086.88          |
| Account receivable—payable in annual instalments 1951-1989..... | 1,963,834.83        |
| Work in progress—deferred work orders.....                      | 214,972.76          |
|   | <u>3,092,894.47</u> |

3,092,894.47

## RESERVE FUND INVESTMENTS:

Government and government guaranteed bonds at amortized cost (approximate market value \$1,515,596.00)

Held for sinking fund reserve..... 1,448,955.30

DEFICIT ACCOUNT..... 1,377,692.45

\$104,987,349.79

## PROPERTIES

## of Ontario in trust for the Province of Ontario

Statement No. 3

DECEMBER 31, 1950

## LIABILITIES AND RESERVES

## LONG TERM LIABILITIES (at par of exchange):

|  |                  |                  |
|--|------------------|------------------|
| Funded debt.....                           | \$ 68,369,000.00 |                  |
| Advances from the Province of Ontario..... | 4,592,359.40     |                  |
|  |                  | \$ 72,961,359.40 |

## CURRENT LIABILITIES:

|   |                 |                 |
|---|-----------------|-----------------|
| The Hydro-Electric Power Commission of Ontario—current account with Southern Ontario and Thunder Bay Systems..... | \$ 2,814,898.74 |                 |
| Consumers' deposits.....  | 2,027,126.37    |                 |
| Debenture interest accrued.....   | 411,039.29      |                 |
| Miscellaneous accruals.....   | 65,506.55       |                 |
|   |                 | \$ 5,318,570.95 |

## GENERAL RESERVES:

|                                     |              |
|-------------------------------------|--------------|
| Contingencies and obsolescence..... | 3,295,370.25 |
|-------------------------------------|--------------|

## SINKING FUND RESERVE:

## Represented by—

|  |                  |                         |
|--|------------------|-------------------------|
| Funded debt and provincial advances retired through sinking funds..... | \$ 21,997,572.60 |                         |
| Sinking fund investments.....  | 1,414,476.59     |                         |
|  |                  | 23,412,049.19           |
|  |                  | <u>\$104,987,349.79</u> |

## Auditors' Report

We have examined the balance sheet of the Northern Ontario Properties held and operated by The Hydro-Electric Power Commission of Ontario in trust for the Province of Ontario as at December 31, 1950 and the related statements of operations and deficit for the fourteen-month period ended on that date. In connection therewith we made a general review of the accounting methods and, without making a detailed audit of the transactions, examined or tested the accounting records of the Commission and other supporting evidence by methods and to the extent we deemed appropriate. We received all the information and explanations we required from its officers and employees.

We report that in our opinion the above balance sheet and the statements of operations and deficit have been drawn up so as to exhibit a true and correct view of the state of affairs of the Northern Ontario Properties operated by the Commission at December 31, 1950 and of the results of their operations for the fourteen-month period ended on that date, according to the best of our information and the explanations given us and as shown by the books of the Commission.

CLARKSON, GORDON &amp; CO.

Chartered Accountants.

Toronto, Canada,  
June 5, 1951.

## NORTHERN ONTARIO PROPERTIES

Statement No. 4

Held and operated by The Hydro-Electric Power Commission of Ontario  
in trust for the Province of Ontario

## STATEMENT OF OPERATIONS

For the fourteen-month period ended December 31, 1950

|  | Northern<br>Ontario<br>Properties | Rural Power<br>District | Total         |
|--|-----------------------------------|-------------------------|---------------|
| REVENUE:   | \$                                | \$                      | \$            |
| Power sold to companies, municipalities and other customers .....                                | 9,359,062.16                      | 835,140.47              | 10,194,202.63 |
| COST OF OPERATION:   |                                   |                         |               |
| Power purchased .....  | 771,763.96                        | 15,462.99               | 787,226.95    |
| Operating, maintenance and administrative expenses .....   | 4,251,417.08                      | 474,165.50              | 4,725,582.58  |
| Interest (including interest on funded debt and reserves less interest earned on investments) .. | 3,035,792.07                      | 155,552.91              | 3,191,344.98  |
| Provision for depreciation .....   | 1,065,054.04                      | 84,401.68               | 1,149,455.72  |
| Provision for sinking fund .....   | 931,034.19                        | 47,780.55               | 978,814.74    |
| Provision for contingencies and obsolescence .....   | 580,073.17                        | 32,035.61               | 612,108.78    |
| Cost of power supplied to Rural Power District by system .....                                   | 327,865.91                        | 327,865.91              | .....         |
|  | 10,307,268.60                     | 1,137,265.15            | 11,444,533.75 |
| NET Loss on operations for 14-month period .....   | 948,206.44                        | 302,124.68              | 1,250,331.12  |

## Statement of Deficit Account

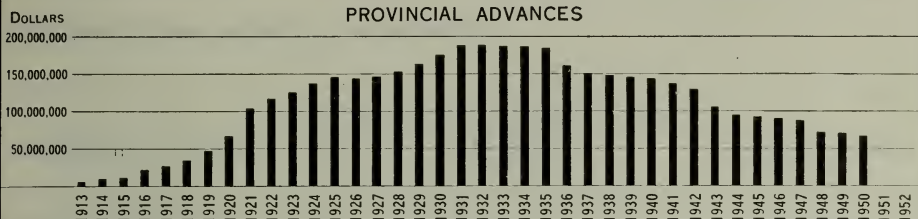
For the fourteen-month period ended December 31, 1950

|  |                |
|--|----------------|
| Balance at debit November 1, 1949 .....                                  | \$ 127,361.33  |
| Net loss on operations for 14-month period ended December 31, 1950 ..... | 1,250,331.12   |
| Balance at debit, December 31, 1950 .....                                | \$1,377,692.45 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## PROVINCIAL ADVANCES AND FUNDED DEBT

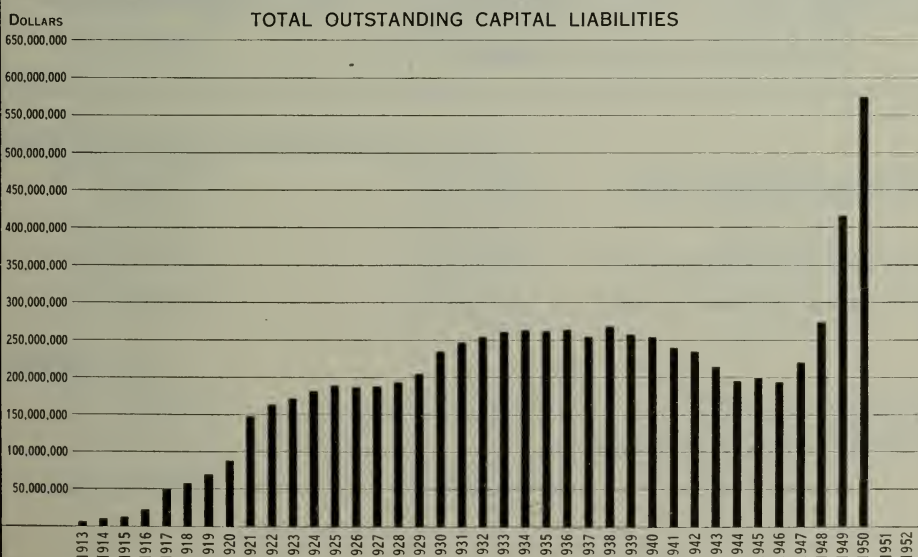
## PROVINCIAL ADVANCES



## FUNDED DEBT IN HANDS OF PUBLIC



## TOTAL OUTSTANDING CAPITAL LIABILITIES



THE HYDRO-ELECTRIC POWER

FUNDED DEBT AS AT

Guaranteed as to principal and interest by the

| Date of maturity                            | Callable at par<br>on or after | Date of issue | Interest rate |
|---|--------------------------------|---------------|---------------|
|   |                                |               | per cent      |
| May 1, 1951/52.....                         | .....                          | May 1, 1942   | 3             |
| Feb. 1, 1951.....                           | .....                          | Feb. 1, 1943  | 3             |
| Jan. 1, 1953.....                           | Jan. 1, 1951†                  | Jan. 1, 1943  | 3             |
| Nov. 1, 1953.....                           | .....                          | Nov. 1, 1948  | 2½            |
| July 15, 1954.....                          | .....                          | July 15, 1949 | 2½            |
| Nov. 1, 1954.....                           | .....                          | May 1, 1950   | 2½            |
| April 1, 1956.....                          | .....                          | April 1, 1947 | 2             |
| Aug. 1, 1957.....                           | .....                          | Aug. 1, 1917  | 4             |
| June 1, 1958.....                           | .....                          | June 1, 1918  | 4             |
| Dec. 1, 1958.....                           | .....                          | Dec. 1, 1918  | 4             |
| Jan. 1, 1960.....                           | Jan. 1, 1955                   | Jan. 1, 1945  | 3             |
| Mar. 1, 1963.....                           | Mar. 1, 1961                   | Mar. 1, 1948  | 3             |
| July 2, 1964.....                           | July 2, 1960                   | July 2, 1948  | 3             |
| Dec. 15, 1965.....                          | Dec. 15, 1963                  | Dec. 15, 1948 | 3             |
| April 1, 1967.....                          | April 1, 1964                  | April 1, 1947 | 2¾            |
| April 1, 1967.....                          | April 1, 1965                  | April 1, 1949 | 3             |
| Jan. 15, 1968.....                          | Jan. 15, 1966                  | July 15, 1949 | 3             |
| Oct. 1, 1968.....                           | Oct. 1, 1965                   | Oct. 1, 1947  | 2¾            |
| Nov. 1, 1969.....                           | Nov. 1, 1967                   | Nov. 1, 1949  | 3             |
| Jan. 1, 1970.....                           | .....                          | Jan. 1, 1930  | 4¾            |
| April 1, 1970.....                          | April 1, 1968                  | April 1, 1950 | 3             |
| June 1, 1971.....                           | June 1, 1961                   | June 1, 1946  | 2¾            |
| June 15, 1973.....                          | June 15, 1971                  | June 15, 1950 | 3             |
| Total Funded Debt (at par of exchange)..... |                                |               |               |

Summary of Changes in Funded Debt during

|  |       |
|--|-------|
| Outstanding at October 31, 1949.....   | ..... |
| Less redemptions during period.....    | ..... |
| Add new bond issues during period..... | ..... |
| Outstanding at December 31, 1950.....  | ..... |

Payable in the

|  |       |
|--|-------|
| Canadian.....                            | ..... |
| United States.....                       | ..... |
| Canadian, United States or Sterling..... | ..... |

\*See heading.

†Callable at 101.



COMMISSION OF ONTARIO

Statement No. 5

DECEMBER 31, 1950

Province of Ontario (except issues marked \*)

| Principal outstanding December 31, 1950     |                             |                |
|---|-----------------------------|----------------|
| Southern Ontario and<br>Thunder Bay Systems | Northern Ontario Properties | Total          |
| \$  | \$                          | \$             |
| 500,000.00                                  | 1,500,000.00                | 2,000,000.00   |
| 6,000,000.00                                | .....                       | 6,000,000.00   |
| 5,000,000.00§                               | .....                       | 5,000,000.00§  |
| 10,000,000.00*                              | .....                       | 10,000,000.00* |
| 5,000,000.00                                | .....                       | 5,000,000.00   |
| 15,000,000.00*                              | .....                       | 15,000,000.00* |
| 5,745,694.00                                | 4,254,306.00                | 10,000,000.00  |
| 8,000,000.00‡                               | .....                       | 8,000,000.00‡  |
| 200,000.00                                  | .....                       | 200,000.00     |
| 100,000.00                                  | .....                       | 100,000.00     |
| .....                                       | 7,500,000.00                | 7,500,000.00   |
| 30,994,000.00                               | 3,506,000.00                | 34,500,000.00  |
| 34,000,000.00                               | 6,000,000.00                | 40,000,000.00  |
| 45,000,000.00                               | .....                       | 45,000,000.00  |
| 13,064,306.00                               | 1,835,694.00                | 14,900,000.00  |
| 33,000,000.00                               | 11,700,000.00               | 44,700,000.00  |
| 37,000,000.00                               | 7,000,000.00                | 44,000,000.00  |
| 17,500,000.00                               | 2,200,000.00                | 19,700,000.00  |
| 38,000,000.00                               | 11,800,000.00               | 49,800,000.00  |
| 11,864,000.00                               | .....                       | 11,864,000.00  |
| 51,500,000.00                               | 3,400,000.00                | 54,900,000.00  |
| 15,240,000.00                               | 4,673,000.00                | 19,913,000.00  |
| 52,000,000.00                               | 3,000,000.00                | 55,000,000.00  |
| 434,708,000.00                              | 68,369,000.00               | 503,077,000.00 |

fourteen-month period ended December 31, 1950

|                  |                  |                  |
|------------------|------------------|------------------|
| \$287,464,000.00 | \$ 58,200,000.00 | \$345,664,000.00 |
| 9,256,000.00     | 8,331,000.00     | 17,587,000.00    |
| 278,208,000.00   | 49,869,000.00    | 328,077,000.00   |
| 156,500,000.00   | 18,500,000.00    | 175,000,000.00   |
| 434,708,000.00   | 68,369,000.00    | 503,077,000.00   |

following currencies:

|                  |                  |                  |
|------------------|------------------|------------------|
| \$421,708,000.00 | \$ 68,369,000.00 | \$490,077,000.00 |
| 5,000,000.00§    | .....            | 5,000,000.00§    |
| 8,000,000.00‡    | .....            | 8,000,000.00‡    |
| 434,708,000.00   | 68,369,000.00    | 503,077,000.00   |

THE HYDRO-ELECTRIC POWER

ADVANCES FROM THE PROVINCE OF

Portions of Province of Ontario bonds

| Date of Maturity           | Description   | Interest rate |
|----------------------------|---------------|---------------|
|                            |               | per cent      |
| December 1, 1951-1955..... | Serial bonds  | 4½            |
| January 15, 1951-1957..... | Serial bonds  | 4½            |
| November 1, 1951-1957..... | Serial bonds  | 4½            |
| May 15, 1951-1968.....     | Annuity bonds | 4             |
| May 15, 1951-1970.....     | Annuity bonds | 4½            |
| January 15, 1951-1971..... | Annuity bonds | 4½            |
| June 1, 1951-1971.....     | Annuity bonds | 4             |
| April 1, 1952.....         | Bonds         | 5             |
| May 1, 1959.....           | Bonds         | 5             |
| December 2, 1960.....      | Bonds         | 5             |
| Total advances.....        |               |               |

Summary of changes in advances from Province of

|   |
|---|
| Balance of advances at October 31, 1949.....  |
| Less repaid during period.....                |
| Balance of advances at December 31, 1950..... |

Payable in the

|   |
|---|
| Canadian or United States.....            |
| Canadian, United States, or Sterling..... |

Statement No. 6

## COMMISSION OF ONTARIO

ONTARIO AS AT DECEMBER 31, 1950

issued for the purposes of the Commission

Balance of advances outstanding December 31, 1950

| Southern Ontario and<br>Thunder Bay Systems | Northern Ontario Properties | Total         |
|---|-----------------------------|---------------|
| \$  | \$                          | \$            |
| 948,635.52                                  | 4,895.08                    | 953,530.60    |
| 1,646,729.12                                | 4,673.92                    | 1,651,403.04  |
| 2,618,014.99                                | 7,432.52                    | 2,625,447.51  |
| 8,034,685.80                                | 363,192.86                  | 8,397,878.66  |
| 7,465,540.65                                | 366,016.07                  | 7,831,556.72  |
| 3,644,572.49                                | 517,381.54                  | 4,161,954.03  |
| 4,851,143.70                                | 1,039,075.70                | 5,890,219.40  |
| 8,713,226.28§                               | 4,799.73§                   | 8,718,026.01§ |
| 12,261,016.44                               | 1,197,907.71                | 13,458,924.15 |
| 13,007,118.01                               | 1,086,984.27                | 14,094,102.28 |
| 63,190,683.00                               | 4,592,359.40                | 67,783,042.40 |

Ontario during fourteen-month period ended December 31, 1950

|                  |                 |                  |
|------------------|-----------------|------------------|
| \$ 66,341,912.78 | \$ 4,786,463.54 | \$ 71,128,376.32 |
| 3,151,229.78     | 194,104.14      | 3,345,333.92     |
| 63,190,683.00    | 4,592,359.40    | 67,783,042.40    |

following currencies:

|                  |              |                  |
|------------------|--------------|------------------|
| \$ 8,713,226.28§ | \$ 4,799.73§ | \$ 8,718,026.01§ |
| 54,477,456.72    | 4,587,559.67 | 59,065,016.39    |
| 63,190,683.00    | 4,592,359.40 | 67,783,042.40    |

## SECTION III

### THE COMMISSION AND ITS CUSTOMERS

**Municipal Activities and Load Conditions Reviewed—Regional Reports—Growth of Municipal Electrical Utilities—Frequency Standardization—Service to Industries—Lighting Service—Electrical Inspection**

**A**T December 31, 1950, the Commission was supplying electric power to 1,132 municipalities in the Province under provisions of The Power Commission Act.

The municipalities served may be divided into five groups according to the different methods used to supply them with electric service:

#### CLASSIFICATION OF MUNICIPALITIES SERVED BY THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

| Method of serving  | Number served |
|--|---------------|
| 1. Under cost contract to municipal utilities.....   | 314           |
| 2. Directly to individual customers through Commission-owned and -operated properties.....   | 25            |
| 3. Under fixed-rate contract not subject to annual adjustment but otherwise as in Group 1.....   | 9             |
| 4. Indirectly through Group 1 municipalities e.g. The Town of Leaside receives power through Toronto Hydro-Electric System.....  | 10            |
| 5. Through rural power districts (mainly township areas but certain towns, villages, police villages, and improvement districts included through special provision)..... | 774           |
| Total Municipalities Served.....   | 1,132         |

#### TYPES OF MUNICIPALITIES SERVED

|  |       |
|--|-------|
| Cities.....                              | 27    |
| Towns.....                               | 116   |
| Villages.....                            | 147   |
| Police Villages.....                     | 184   |
| Townships—Organized and Unorganized..... | 639   |
| Improvement Districts.....               | 9     |
| Mining Townsites.....                    | 10    |
| Total.....                               | 1,132 |



The expansion of business in large urban and suburban municipalities required station extensions and capital expenditures that necessitated raising funds by the issue of debentures. Numerous requests from municipalities for approval of such projects and for assent to the issue of debentures were dealt with by the Commission.

Increased operating costs made it necessary for 147 municipalities to request approval for an increase in their retail rates. Each request was considered individually to determine the increase required for efficient operation of the local system.

#### Load Increase—Municipalities

The following table indicates the large increase in loads supplied to cost municipalities in the Southern Ontario and Thunder Bay Systems:

**Comparative Data re Municipal Loads**  
**Average Kilowatts Billed**

|                      | 1949        | 1950        | Increase  | Per cent increase |
|----------------------|-------------|-------------|-----------|-------------------|
| Cities.....          | 843,313.4   | 973,084.5   | 129,771.1 | 15.4              |
| Voted Areas.....     | 86,458.2    | 117,070.2   | 30,612.0  | 35.4              |
| Towns.....           | 178,872.6   | 204,334.1   | 25,461.5  | 14.2              |
| Villages.....        | 50,007.5    | 58,476.0    | 8,468.5   | 16.9              |
| Police Villages..... | 8,542.4     | 9,930.4     | 1,388.0   | 16.2              |
| Total.....           | 1,167,194.1 | 1,362,895.2 | 195,701.1 | 16.8              |

**Increase or Decrease in Average Load**

|                      | Increase                | Decrease | No change | Total |
|----------------------|-------------------------|----------|-----------|-------|
| Cities.....          | 25                      | .....    | .....     | 25    |
| Voted Areas.....     | 9                       | .....    | .....     | 9     |
| Towns.....           | 79                      | 2        | .....     | 81    |
| Villages.....        | 145                     | 3        | 1         | 149   |
| Police Villages..... | 47                      | 2        | 1         | 50    |
| Total.....           | 305 or<br>97.1 per cent | 7        | 2         | 314   |

## REPORTS FROM THE REGIONS RELATING TO MUNICIPAL ACTIVITIES

The Commission acts in an advisory capacity to those municipalities with which it has contracts and through its nine regional offices, situated throughout the Province, it gives assistance to municipal officials in connection with their administration and engineering problems.

Under the terms of The Power Commission Act, all rate adjustments are approved by the Commission and the regional offices assisted the local commissions in the many rate revisions that arose from increased operating costs.

The following gives brief particulars of some of the more important municipal activities of each region.

### WESTERN REGION

**Comber**—Extensive overhaul of the distribution system during 1950 was almost completed by the end of the year.

**Dresden**—Approval was obtained for an expenditure of \$27,000 to cover the cost of a new office, warehouse and garage, which will be ready for occupancy about March 1951.

**Lambeth**—The distribution system was overhauled and extended.

**London**—The downtown underground network was extended about two blocks at the time of frequency standardization in that area. Three new 3,000-kva unit municipal stations were installed in residential areas in preparation for frequency standardization.

**Sarnia**—Approval was obtained for an expenditure of \$35,000 to cover the cost of alterations and extensions to the offices.

**Tillsonburg**—Approval was obtained for a debenture issue of \$120,000 to cover the cost of a dual-frequency 2,000-kw municipal station, tie-lines, feeders, and plant expansion.

**West Lorne**—On May 5, 1950 a new office and service centre was officially opened to provide facilities for the Public Utilities Commission and the Rural Operating Area.

### WEST CENTRAL REGION

**Brantford**—Owing to the large increase in the number of customers and loads, the work for the year was devoted to the installation of increased transformer capacity and lines. The first underground transformer-vault for a 120/208-volt, 3-phase, 4-wire supply, with a capacity of 250 kva, was completed.

**Brantford Township**—A new 2,000/3,600-kva transformer to replace the 1,000-kva one in use at Municipal Station No. 1, and an extra feeder cell to existing low-voltage switchgear, were installed.

**Galt**—Three dual-frequency municipal stations were completed and put into service during the year. Electric service was supplied to approximately 200 new homes and at the end of the year approximately 130 new customers were added to the system by the annexation of some 800 acres of North Dumfries Township. The high-voltage switching equipment in Municipal Station No. 1 was changed from 13.2 to 26.4 kv in preparation for frequency standardization.

**Goderich**—The building to house the switching equipment at Municipal Station No. 2 was completed. Several distribution primary circuits were rebuilt in order to co-ordinate the operation of Municipal Stations No. 1 and No. 2.

**Hespeler**—Primary and secondary lines were rebuilt and larger conductors installed at the same time that the street lighting was changed from series to multiple system.

**Kitchener**—Several 13.2-kv lines were erected as station feeders and tie-lines. Two concrete transformer-vaults were added to the underground system.

**Paris**—The transformer capacity in Municipal Station No. 1 was increased by the replacement of the existing transformer by a 2,000/3,600-kva dual-frequency transformer.

**Simcoe**—Municipal Station No. 2 was completed and put into service. This is an outdoor dual-frequency unit of 1,500/2,700-kva capacity located in the north part of the municipality. A 26.4-kv transmission line was built to supply the station.

### NIAGARA REGION

**Merritton**—A new office building owned by the Merritton Hydro-Electric Commission was completed and officially opened on April 26, 1950.

**Niagara Falls**—A new 600-kva municipal station was placed in service as a stand-by for the municipal pumping station.

**Port Dalhousie**—A control system for the operation of flat-rate water-heaters was placed in operation.

**Queenston**—In order to improve voltage regulation, the primary distribution system was completely overhauled.

**St. Catharines**—To meet the rapidly increasing demand, Welland, Vale, and Queen East Municipal Stations were placed in service.

**Stamford Township**—A new dual-frequency municipal station was placed in service on Margaret Street.

### TORONTO REGION

**Agincourt**—Frequency standardization of the municipal system was completed in December 1950, and the capacity of the distributing station was increased to 1,800 kva.

**Aurora**—A new distributing station of 3,000-kva capacity was installed to supply the municipality and the surrounding rural area. Frequency standardization of the local system was completed in the fall of 1950.

**East York Township**—Frequency standardization of the system was completed in the early summer of 1950. Owing to load growth Municipal Station No. 7 was increased in capacity from 1,875 kva to 3,000 kva.

**Etobicoke Township**—A new municipal station was constructed in the Islington-Rosethorn area. A lot was purchased to provide for a new office building, stores, and garage facilities.

**Forest Hill**—A new municipal station of 3,000-kva capacity was placed in service in December 1950.

**Georgetown**—A control system for some 250 flat-rate water-heaters was installed during the year.



**Newmarket**—Frequency standardization of the local system was completed in October 1950. A new distributing station of 2,000-kva capacity was installed in the north end of the municipality to supply the rapidly increasing power demands.

**New Toronto**—A temporary distributing station was placed in service to supply 60-cycle power for a number of industrial plants and new power customers.

**North York Township**—Three new municipal stations were installed to supply the rapidly growing load in the township. There were approximately 5,300 new services installed in 1950.

**Port Credit**—A vote taken on the question of forming a public utility commission was carried by a large majority and the first commission will be elected in 1951.

**Richmond Hill**—Frequency standardization of the municipal system was completed in the fall of 1951.

**Scarborough Township**—Frequency standardization of the local system was completed in the spring of 1950. A new 3,000-kva distributing station was installed in the Danforth Avenue section.

**Stouffville**—Frequency standardization of the local system was completed in December and a new distributing station of 1,000-kva capacity was placed in service.

**Sutton**—Frequency standardization of the local system was completed in the summer of 1950.

**Toronto**—A new 60-cycle system was initiated from Scarborough Fuel-Electric Generating Station to Gerrard Transformer Station. The supply for the Toronto Transportation Commission Beaches and Sumach Stations was changed to 60 cycle.

Work was commenced on a new 110-kv transformer station in the western part of the downtown area, to be known as the Toronto-John Transformer Station.

In keeping with the improvement of University Avenue, overhead lighting circuits were placed underground and new, concrete, street-lighting pillars with 750-watt luminaires were installed.

Removal of all overhead heavy lines and poles was started on College Street.

**Toronto Township**—Arrangements were completed for the purchase of the Cooksville Transformer Station site as a location for a new office building and storage facilities.

**Weston**—A pilot-wire, flat-rate water-heater control system was completed and a debenture issue of \$62,000 was approved to provide for a second municipal station in the eastern section of the town.

**York Township**—A modern stores and garage building was completed and officially opened in October 1950.



## GEORGIAN BAY REGION

**Alliston**—The transmission line supplying Alliston was changed from 22-kv to 44-kv operation and the distributing station enlarged from 600 kva to 1,000 kva.

**Barrie**—Construction was started on a new Public Utilities Commission office building at an estimated cost of \$116,000.

**Beeton**—The capacity of the municipal station was increased from 150 to 300 kva and the voltage raised from 22 to 44 kv.

**Burks Falls**—Under the terms of a cost contract between the Commission and the municipality of Burks Falls, power was first delivered on February 1, 1950.

**Cookstown**—The capacity of the distributing station was increased from 150 to 300 kva and the voltage raised from 22 to 44 kv.

**Creemore**—Overhaul of the distribution system was completed.

**Erin**—The municipality purchased the local distribution system from the Commission and commenced operating as a cost municipality as of May 1, 1950.

**Hanover**—The Public Utilities Commission completed renovation of its existing building to provide a modern office, workshop, and stores facilities.



HANOVER—Newly renovated and modernized premises of Public Utilities Commission

**Midland**—Work was commenced on a new 3,000-kva municipal station. The 22-kv lines within the municipality were overhauled and reinsulated for 44-kv operation.

**Port McNicoll**—The distribution system was extended to supply a summer subdivision known as Paradise Point.

**Tottenham**—The 200-kva distributing station was dismantled. Power is now being provided from a new joint municipal and rural 600-kva station situated a mile north of the village limits. The voltage was increased from 22 to 44 kv.

**Wingham**—The distribution system was changed from 2,300-volt delta to 4,000/2,300-volt Y operation.

### EAST CENTRAL REGION

**Bancroft**—Repairs were carried out on the dam and head-works of the Bancroft Hydro-Electric Commission's generating station.

**Cobourg**—The local distribution system voltage was changed from 2,300 to 4,160 volts.

**Havelock**—The entire distribution system was rebuilt during the year.

**Kingston**—A new Municipal Station No. 3 with 3,000-kva capacity was built to meet the increasing loads in the municipality.

**Oshawa**—Municipal Stations No. 2 and No. 4 were placed in service during the year to serve increasing loads in the municipality.

**Wellington**—Most of the distribution system was rebuilt. The primary circuits were removed from Main Street and modern street lighting was provided.

### EASTERN REGION

**Apple Hill**—The distributing station was abandoned and the distribution system was rebuilt for operation at 8 kv to conform to the new supply from Martintown Distributing Station.

**Athens**—Approval has been obtained for an expenditure to cover complete overhaul of the distribution system.

**Brockville**—Municipal Station No. 2 was placed in service to supply the northern section of the town.

**Cobden**—The distribution voltage in the village was being changed from 2,300 to 6,900 volts. The need for the local distributing station will eventually be eliminated by this change.

**Kemptville**—The capacity of the distributing station was increased in order to provide power for new industries.

**Merrickville**—The municipality purchased the electrical distribution system from the Commission and commenced operating as a cost municipality on July 1, 1950.

**Ottawa**—A new transformer station was installed temporarily at Overbrook in order to supply new municipal stations in the enlarged city area. The transfer of customers to the new supply authority made necessary by annexation was carried out.

**Prescott**—Overhaul of the distribution system was completed providing for distribution at 4,000 volts.

**Williamsburg**—The distribution system was completely rebuilt.

### NORTHEASTERN REGION

**Cache Bay**—Power was first delivered to the municipality under the terms of a contract on December 1, 1950. A new distribution system was installed.

**Capreol**—Transformers have been ordered to increase the municipal station capacity from 450 kva to 1,500 kva.

**Englehart**—The distribution system was overhauled and changed from 2,300 volts to 4,000 volts.

**Latchford**—A new distribution system was installed and power was first delivered under a contract on April 15, 1950.

**Improvement District of McGarry (Virginiatown)**—The distribution system was extended to serve a new housing and business subdivision.

**Powassan**—The distribution system was rebuilt for 12,000/6,900-volt operation and the new supply was connected in December 1950.

**South Porcupine**—The distributing station capacity was increased from 1,500 kva to 2,000 kva, and the distribution system was changed for 4,000-volt operation.

**Sturgeon Falls**—The electors of Sturgeon Falls voted in favor of obtaining power from the Commission and authorized the Commission to install a distributing station and to rebuild the distribution system.

### NORTHWESTERN REGION

**Improvement District of Atikokan**—The distributing station was increased in capacity from 450 kva to 1,000 kva.

**Fort William**—Work was started on the installation of a second unit-type municipal station to have an ultimate capacity of 6,000 kva.

**Port Arthur**—The second and third unit-type municipal stations of 3,000-kva capacity each were installed during 1950, making a total capacity of 22,200 kva stepping down to 4,000-volt distribution. In addition, a 2,250-kva transformer bank was installed at Current River Generating Station to permit a tie between the station and the 22,000-volt lines.

**Schreiber Township**—During the year, a 2-mile extension was built from the main section of Schreiber to Walker's Lake, a summer resort mainly consisting of cottages.



## GROWTH OF MUNICIPAL ELECTRICAL UTILITIES

The annual growth in revenue and in kilowatt-hour consumption and the reductions in the average cost per kilowatt-hour from 1914 to 1950 for all domestic and commercial customers, are shown in the accompanying tables and graphs. Included are the figures for all the municipal utilities listed in Statement "D" of Section VIII of this Report and also those municipal utilities owned and operated by The Hydro-Electric Power Commission of Ontario.

In previous issues of the Report the statistics recorded and illustrated have covered the period ending with the year prior to that covered by the rest of the Report. This year the information for 1950 was available and is therefore included.

The tables give complete information for "all urban municipalities combined" for both domestic and commercial services; the graphs show only increased use and decreased cost for domestic and commercial services but

GROWTH IN HYDRO DOMESTIC SERVICE 1914 TO 1950  
ALL URBAN MUNICIPALITIES COMBINED

| Year | Number of municipalities | Annual revenue | Kilowatt-hours consumed | Number of customers | Average cost per kwh | Average monthly bill | Average monthly consumption |
|------|--------------------------|----------------|-------------------------|---------------------|----------------------|----------------------|-----------------------------|
|      |                          | \$             |                         |                     | cents                | \$                   | kwh                         |
| 1913 |                          |                |                         | 49,200              |                      |                      |                             |
| 1914 | 49                       | 730,168        | 14,359,100              | 64,866              | 5.08                 | 1.06                 | 21                          |
| 1915 | .....                    | 854,748        | 20,935,000              | 85,865              | 4.08                 | 0.92                 | 22                          |
| 1916 | .....                    | 992,628        | 29,359,900              | 108,364             | 3.42                 | 0.82                 | 24                          |
| 1917 | 123                      | 1,340,855      | 41,930,200              | 131,313             | 3.20                 | 0.91                 | 29                          |
| 1918 | .....                    | 1,583,677      | 52,731,700              | 146,885             | 3.00                 | 0.92                 | 31                          |
| 1919 | .....                    | 1,933,577      | 68,409,100              | 169,455             | 2.82                 | 1.01                 | 35                          |
| 1920 | 166                      | 2,514,658      | 98,211,000              | 193,892             | 2.56                 | 1.15                 | 45                          |
| 1921 | .....                    | 3,086,051      | 124,619,800             | 219,465             | 2.48                 | 1.24                 | 50                          |
| 1922 | .....                    | 3,761,172      | 166,182,000             | 245,577             | 2.26                 | 1.34                 | 59                          |
| 1923 | 206                      | 4,955,420      | 242,926,600             | 286,852             | 2.04                 | 1.54                 | 76                          |
| 1924 | .....                    | 5,548,835      | 292,608,400             | 303,787             | 1.89                 | 1.56                 | 80                          |
| 1925 | .....                    | 6,414,134      | 342,356,700             | 326,307             | 1.85                 | 1.67                 | 90                          |
| 1926 | 242                      | 7,353,394      | 404,722,959             | 349,882             | 1.81                 | 1.79                 | 98                          |
| 1927 | 267                      | 8,497,190      | 469,851,690             | 387,573             | 1.80                 | 1.87                 | 103                         |
| 1928 | 268                      | 9,411,812      | 551,010,035             | 408,071             | 1.71                 | 1.97                 | 115                         |
| 1929 | 273                      | 10,256,860     | 612,141,722             | 424,419             | 1.67                 | 2.05                 | 122                         |
| 1930 | 273                      | 10,752,720     | 671,028,310             | 433,260             | 1.61                 | 2.09                 | 130                         |
| 1931 | 289                      | 11,226,091     | 704,784,457             | 447,466             | 1.59                 | 2.12                 | 133                         |
| 1932 | 298                      | 11,676,222     | 740,900,418             | 452,615             | 1.57                 | 2.15                 | 136                         |
| 1933 | 300                      | 11,639,178     | 742,195,402             | 460,878             | 1.57                 | 2.10                 | 134                         |
| 1934 | 300                      | 12,078,069     | 797,532,709             | 463,913             | 1.51                 | 2.17                 | 143                         |
| 1935 | 302                      | 12,393,536     | 826,972,873             | 471,265             | 1.50                 | 2.19                 | 146                         |
| 1936 | 302                      | 12,922,466     | 881,972,324             | 482,557             | 1.47                 | 2.23                 | 152                         |
| 1937 | 305                      | 12,680,921     | 926,350,703             | 490,140             | 1.37                 | 2.16                 | 157                         |
| 1938 | 312                      | 12,880,180     | 1,003,489,453           | 507,132             | 1.28                 | 2.12                 | 165                         |
| 1939 | 317                      | 13,300,898     | 1,056,310,109           | 518,123             | 1.26                 | 2.14                 | 170                         |
| 1940 | 317                      | 13,905,290     | 1,115,888,837           | 531,514             | 1.25                 | 2.18                 | 175                         |
| 1941 | 320                      | 14,452,796     | 1,169,273,964           | 546,613             | 1.24                 | 2.20                 | 178                         |
| 1942 | 323                      | 15,022,931     | 1,224,195,712           | 559,605             | 1.23                 | 2.24                 | 182                         |
| 1943 | 323                      | 15,069,547     | 1,266,930,625           | 570,470             | 1.19                 | 2.20                 | 185                         |
| 1944 | 323                      | 15,528,445     | 1,348,099,019           | 579,890             | 1.15                 | 2.23                 | 194                         |
| 1945 | 340                      | 16,053,818     | 1,494,258,124           | 608,905             | 1.07                 | 2.20                 | 205                         |
| 1946 | 339                      | 17,526,854     | 1,704,125,246           | 628,118             | 1.03                 | 2.32                 | 226                         |
| 1947 | 339                      | 18,937,674     | 1,870,974,898           | 648,282             | 1.01                 | 2.43                 | 240                         |
| 1948 | 341                      | 20,295,932     | 2,032,922,876           | 671,914             | 0.99                 | 2.51                 | 252                         |
| 1949 | 342                      | 21,947,915     | 2,224,473,480           | 706,294             | 0.99                 | 2.59                 | 262                         |
| 1950 | 346                      | 29,064,176     | 2,805,149,825           | 767,286             | 1.04                 | 3.15                 | 304                         |



give these data for cities, towns and villages as well as for "all urban municipalities combined." Data relating to the larger voted areas where the population exceeds 10,000 are included with data for cities.

### Financial Progress

The consolidated balance sheet, published in Section VIII of this Report, shows a total plant value in electrical utilities of \$156,148,063.75 against which is a debenture balance debt of \$14,069,133.05. However, some municipalities are accumulating a sinking fund to pay for debentures at maturity and at the end of 1950 this fund amounted to \$592,491.22. If this sinking fund is deducted from the balance of the debenture debt, the actual unpaid debenture debt would be \$13,476,641.83 or 8.6 per cent of the original value of the distribution systems.

Automatic reduction in the debenture debt, due to the annual principal or sinking fund payments being provided for out of revenue, and the remark-

### GROWTH IN HYDRO COMMERCIAL LIGHT SERVICE 1914 TO 1950—ALL URBAN MUNICIPALITIES COMBINED

| Year | Number of municipalities | Annual revenue | Kilowatt-hours consumed | Number of customers | Average cost per kwh | Average monthly bill | Average monthly consumption |
|------|--------------------------|----------------|-------------------------|---------------------|----------------------|----------------------|-----------------------------|
|      |                          | \$             |                         |                     | cents                | \$                   | kwh                         |
| 1913 |                          |                |                         | 13,113              |                      |                      |                             |
| 1914 | 43                       | 624,781        | 15,669,700              | 15,657              | 4.00                 | 3.63                 | 91                          |
| 1915 |                          | 649,585        | 21,444,900              | 19,324              | 3.03                 | 2.95                 | 97                          |
| 1916 |                          | 753,784        | 26,866,000              | 22,216              | 2.82                 | 2.87                 | 102                         |
| 1917 | 123                      | 860,475        | 31,983,500              | 27,453              | 2.69                 | 2.77                 | 103                         |
| 1918 |                          | 947,769        | 35,053,500              | 29,570              | 2.70                 | 2.70                 | 99                          |
| 1919 |                          | 1,158,406      | 47,087,000              | 33,307              | 2.46                 | 3.03                 | 123                         |
| 1920 | 166                      | 1,477,963      | 59,336,900              | 36,496              | 2.50                 | 3.51                 | 140                         |
| 1921 |                          | 1,818,211      | 68,863,500              | 39,333              | 2.64                 | 3.98                 | 151                         |
| 1922 |                          | 2,143,981      | 81,216,000              | 43,098              | 2.64                 | 4.26                 | 162                         |
| 1923 | 206                      | 2,613,257      | 105,482,600             | 46,383              | 2.46                 | 4.80                 | 196                         |
| 1924 |                          | 2,907,427      | 120,474,800             | 50,137              | 2.41                 | 4.99                 | 207                         |
| 1925 |                          | 3,836,946      | 151,555,200             | 56,018              | 2.54                 | 5.98                 | 235                         |
| 1926 | 242                      | 4,176,595      | 171,797,014             | 58,444              | 2.43                 | 6.08                 | 250                         |
| 1927 | 267                      | 4,823,781      | 200,606,137             | 64,039              | 2.40                 | 6.39                 | 267                         |
| 1928 | 268                      | 5,436,795      | 234,526,831             | 68,013              | 2.32                 | 6.66                 | 287                         |
| 1929 | 273                      | 5,893,217      | 272,343,330             | 70,106              | 2.16                 | 7.11                 | 329                         |
| 1930 | 273                      | 6,094,871      | 287,838,022             | 71,873              | 2.11                 | 7.15                 | 338                         |
| 1931 | 289                      | 6,377,520      | 305,121,640             | 75,286              | 2.09                 | 7.20                 | 344                         |
| 1932 | 298                      | 6,402,882      | 306,596,543             | 75,705              | 2.09                 | 7.05                 | 338                         |
| 1933 | 300                      | 6,149,792      | 292,335,489             | 75,443              | 2.10                 | 6.79                 | 323                         |
| 1934 | 300                      | 6,344,921      | 306,632,722             | 75,016              | 2.07                 | 7.05                 | 341                         |
| 1935 | 302                      | 6,601,461      | 327,413,421             | 74,884              | 2.02                 | 7.35                 | 364                         |
| 1936 | 302                      | 7,001,893      | 355,235,553             | 75,878              | 1.97                 | 7.69                 | 390                         |
| 1937 | 305                      | 6,676,968      | 393,067,119             | 76,620              | 1.70                 | 7.26                 | 428                         |
| 1938 | 312                      | 6,909,454      | 427,020,841             | 78,021              | 1.62                 | 7.38                 | 456                         |
| 1939 | 317                      | 7,256,262      | 459,635,100             | 78,949              | 1.58                 | 7.66                 | 485                         |
| 1940 | 317                      | 7,785,024      | 508,986,422             | 79,512              | 1.53                 | 8.16                 | 533                         |
| 1941 | 320                      | 7,991,091      | 540,995,581             | 79,824              | 1.48                 | 8.34                 | 565                         |
| 1942 | 323                      | 7,695,928      | 531,680,336             | 77,326              | 1.45                 | 8.29                 | 573                         |
| 1943 | 323                      | 6,787,241      | 472,129,977             | 76,194              | 1.44                 | 7.42                 | 516                         |
| 1944 | 323                      | 7,298,848      | 524,905,356             | 78,256              | 1.39                 | 7.77                 | 559                         |
| 1945 | 340                      | 8,429,573      | 634,878,480             | 84,413              | 1.33                 | 8.32                 | 627                         |
| 1946 | 339                      | 9,364,009      | 725,475,237             | 89,109              | 1.29                 | 8.76                 | 679                         |
| 1947 | 339                      | 10,277,574     | 797,642,711             | 91,926              | 1.29                 | 9.32                 | 723                         |
| 1948 | 341                      | 10,182,051     | 769,650,340             | 95,239              | 1.32                 | 8.91                 | 673                         |
| 1949 | 342                      | 10,890,639     | 819,475,244             | 98,682              | 1.33                 | 9.20                 | 692                         |
| 1950 | 346                      | 15,231,494     | 1,080,316,296           | 107,817             | 1.41                 | 11.73                | 832                         |

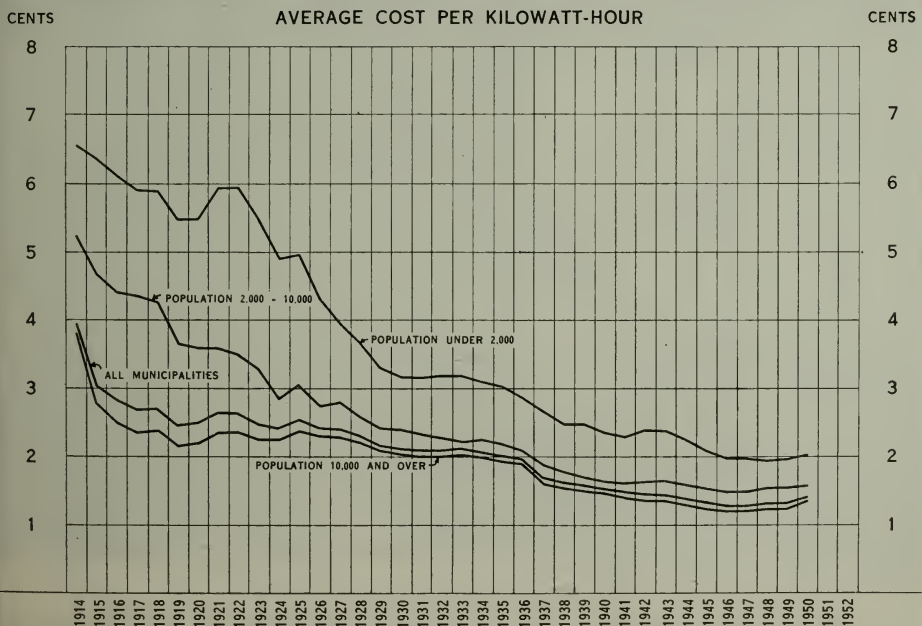
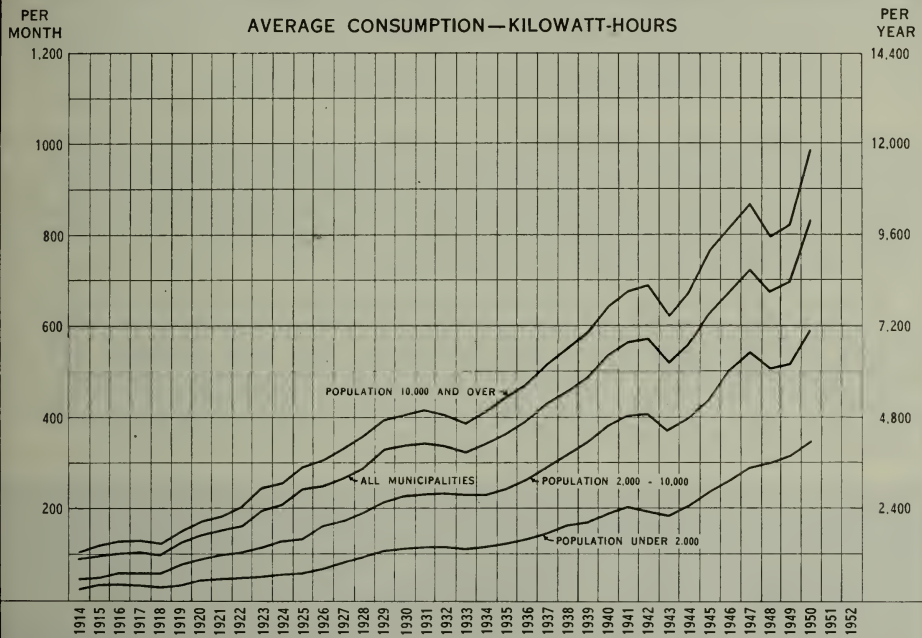
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

DOMESTIC SERVICE

MUNICIPAL ELECTRICAL UTILITIES



THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO  
**COMMERCIAL LIGHT SERVICE**  
 MUNICIPAL ELECTRICAL UTILITIES





able accumulation of assets reflect a satisfactory financial condition of the electrical utilities generally. Statement "A" of this Report shows the relation of assets to liabilities in municipalities. In 88 per cent of these municipalities the quick assets such as cash, bonds, accounts receivable, and inventories exceed in value the total liabilities, including the debenture balance, and their electrical utilities may fairly be considered as being out of debt.

### FREQUENCY STANDARDIZATION

More than 86,000 customers of all classes in the 25-cycle areas of the Commission's Southern Ontario System had their frequency-sensitive appliances and equipment altered for 60-cycle operation by December 31, 1950. During the year, standardization of frequency at 60 cycles in the 25-cycle sectors was carried out at an accelerated pace.

By the end of 1950, a total of 343,020 individual pieces of frequency-sensitive electrical appliances and equipment had been changed over for 78,897 domestic, 6,170 commercial, and 1,016 industrial customers. At the time of the December peak load, there was a total of 139,000 kilowatts of load fed at 60 cycles which would otherwise have been at 25 cycles.



MOBILE CLOCK AND FAN DEPOT

A customer inspects the wide range of 60-cycle clocks available for exchange at a mobile clock and fan depot



Inventories made of customers' electrical equipment indicated that 90.5 per cent of domestic users had washing machines, 61 per cent refrigerators, 39 per cent radio phonographs, 67 per cent electric clocks, and 22 per cent fans. The average customer in the 25-cycle areas has four pieces of frequency-sensitive equipment.

The municipal distribution systems standardized during the fiscal year included Scarborough Township, East York Township, several areas adjacent to the Yonge Street highway north of Toronto, Sarnia, a large part of London, as well as numerous smaller communities in the vicinity of those mentioned.

One of the difficulties that confronted the Commission in its program of frequency standardization during the year was created by the great growth in load on the 25-cycle system. In order to curtail 25-cycle load growth, the Commission has planned to duplicate portions of the present 25-cycle transmission system with 60-cycle lines and stations which can later be used during the normal standardization program. Thus 60-cycle power will be made available for most new loads and expansion of existing loads. The 60-cycle facilities will also enable customers and municipal systems to undertake the changeover of their own plant by using their own staffs or the services of local contractors. It is anticipated that this will effect a substantial saving in over-all standardization costs. At the end of the year the Commission was negotiating with customers and expected to start construction of the first duplicate lines in the spring of 1951.

During 1950 the frequency standardization service shop located at the A. W. Manby Service Centre came into full operation. The first task of the shop was the development and assembly of 500-watt chopper-type frequency changers, the use of which is of substantial help in the frequency standardization program. The shop has been established to take care of emergencies, rewind special motors, and establish cost criteria for the conversion work being performed by manufacturers.

The following table summarizes the progress on frequency standardization work in all areas up to December 31, 1950. The figures with asterisks relate to customers who have converted their own equipment.

| Class           | Number of customers |                        | Inventoried |               |         | Standardized     |                  |                    |
|-----------------|---------------------|------------------------|-------------|---------------|---------|------------------|------------------|--------------------|
|                 | Estimate            | Released for inventory | Cus-tomers  | Con-nected hp | Items   | Cus-tomers       | Con-nected hp    | Items              |
| Domestic.....   | 214,139             | 107,568                | 105,724     | .....         | 362,330 | 74,542<br>*4,355 | .....            | 262,546<br>*9,113  |
| Commercial..... | 21,968              | 10,558                 | 10,269      | .....         | 68,736  | 6,108<br>*62     | .....            | 38,846<br>*252     |
| Power.....      | 3,265               | 2,990                  | 2,362       | 443,378       | 153,662 | 921<br>*95       | 94,962<br>*9,910 | 30,870<br>*1,393   |
| Total.....      | 239,372             | 121,116                | 118,355     | 443,378       | 584,728 | 81,571<br>*4,512 | 94,962<br>*9,910 | 332,262<br>*10,758 |
| Grand Total..   |                     |                        |             |               |         | 86,083           | 104,872          | 343,020            |



**SPECIAL DISPLAYS** like this at Ontario exhibitions and shows are one phase of the Commission's program to familiarize the public in 25-cycle areas with the frequency standardization project



**Left: CHOPPER-TYPE FREQUENCY CHANGER**—Developed and built by the Commission for small load application, capacity 500 watts. It is used primarily to convert 60-cycle to 25-cycle power in homes and some stores where alteration of some equipment is impracticable at the time of standardization

**Right: CHANGING THE MOTOR** of a domestic oil burner



A resume of the Division's operation will explain the headings used in the table. The Frequency Standardization Division estimates the number of customers of all classes in the 25-cycle area whose equipment is to be standardized and detailed system data are compiled by survey of each customer. This information is then released to the contractor who makes an inventory of each customer's equipment and thereby accumulates the total customers, items, and corresponding connected horsepower. These items are processed to determine the materials required, following which the necessary requisitions are placed with the Frequency Standardization Division, which is responsible for having the material on hand prior to the cut-over date. The Division arranges the details of the cut-overs and on each cut-over day the contractor changes the equipment in the homes, offices, and factories to operate at the standard frequency of 60 cycles.

### SERVICE TO INDUSTRIES

Industrial power customers who cannot satisfactorily be provided with power by municipal utilities or rural operating areas or are located in unorganized territory are served as direct system customers. Some 200 customers are in this category, including a variety of industries in southern Ontario and mines and paper companies mostly in the northern part of the Province.

The following is a summary of these customers grouped according to the type of industry and showing for each group the sum of the average monthly peak loads during the fiscal year.

| Type of industry                                 | No. of customers | Sum of average monthly peak loads kilowatts |
|--|------------------|---|
| Pulp and Paper Mills.....                        | 15               | 156,785                                     |
| Mining:  |                  |   |
| (a) Gold and Silver.....                         | 72               | 93,239                                      |
| (b) Base Metals.....                             | 4                | 81,363                                      |
| (c) Non-Metals.....                              | 5                | 1,847                                       |
| Quarrying, Cement, Basic Building Materials..... | 14               | 18,552                                      |
| Steel and Electro-Metallurgical.....             | 7                | 182,214                                     |
| Abrasives and Cyanamid.....                      | 4                | 133,764                                     |
| Chemical.....                                    | 10               | 51,319                                      |
| Grain Elevators and Milling.....                 | 5                | 8,670                                       |
| Transportation Services and Communications.....  | 6                | 2,920                                       |
| Government Services and Institutions.....        | 15               | 11,613                                      |
| General Manufacturing.....                       | 36               | 41,238                                      |
| Miscellaneous.....                               | 10               | 62,488                                      |

A comparison of the total average monthly peak loads for 1950 with 1949 shows an increase from 777,592 kilowatts to 846,012 kilowatts. Load decreases during the early part of the year were more than offset by increases which coincided with the outbreak of hostilities in Korea and the general deterioration of the international situation. Rapid expansion of the chemical industry, a large consumer of power, and all industries associated with the expanding defence program were predominant factors in the load increase during the latter part of the year.

Several small silver and cobalt mines commenced or resumed operations during 1950 while the producing gold mines showed moderate increases in power consumption.

A policy was adopted in December 1949 whereby the rates to direct system customers would be revised on the expiration of each contract and provision made in the new contract for an annual rate review at the Commission's option, but limiting any rate increase to the percentage increase in the Commission's cost of supplying power to a nearby municipality. This provision was inserted in all new contracts for terms in excess of one year.

As a service to industrial power customers, chiefly in municipalities, 52 plants were surveyed in 1950 and recommendations made regarding power factor correction, selection of equipment, and improved distribution efficiency. These surveys were made in co-operation with the staffs of the local utilities. As the resulting benefits from these surveys are generally reflected in improved operating conditions on the local distribution systems, the number of requests for this service from utility managers is increasing.

### LIGHTING SERVICE

During the past year the Commission assisted the Ontario Department of Education in providing adequate lighting in schools and prepared plans and specifications for 453 schools. Recommendations were also made for lighting in offices, public buildings, industrial installations, sports areas, municipal street lighting, and military installations.

In addition, the Lighting Section also co-operated with architects, electrical engineers, and others with a view to providing suitable and adequate lighting for their projects.

### ELECTRICAL INSPECTION

During the fiscal year 383,848 permits were issued and 690,089 inspections were made. Because of the continued high degree of activity in construction throughout 1950, the number of permits issued increased by 5.6 per cent and the number of inspections made increased by 10.8 per cent by comparison with 1949. The inspection staff had to be enlarged by 3.7 per cent in consequence.

Because of rising operating costs and with a view to making the inspection service as nearly self-supporting as possible, the schedule of inspection fees in force since 1939 was studied in detail in order to discover those items for which increased charges might reasonably be made. Some minor changes were made in the schedule, the most important of which were as follows:

Increases of from 10 to 25 cents were made in the charges for inspection permits,

A new section governing the inspection of power panel boards which had formerly been included under lighting panel boards was introduced. The fees for inspecting lighting panel boards were not increased.

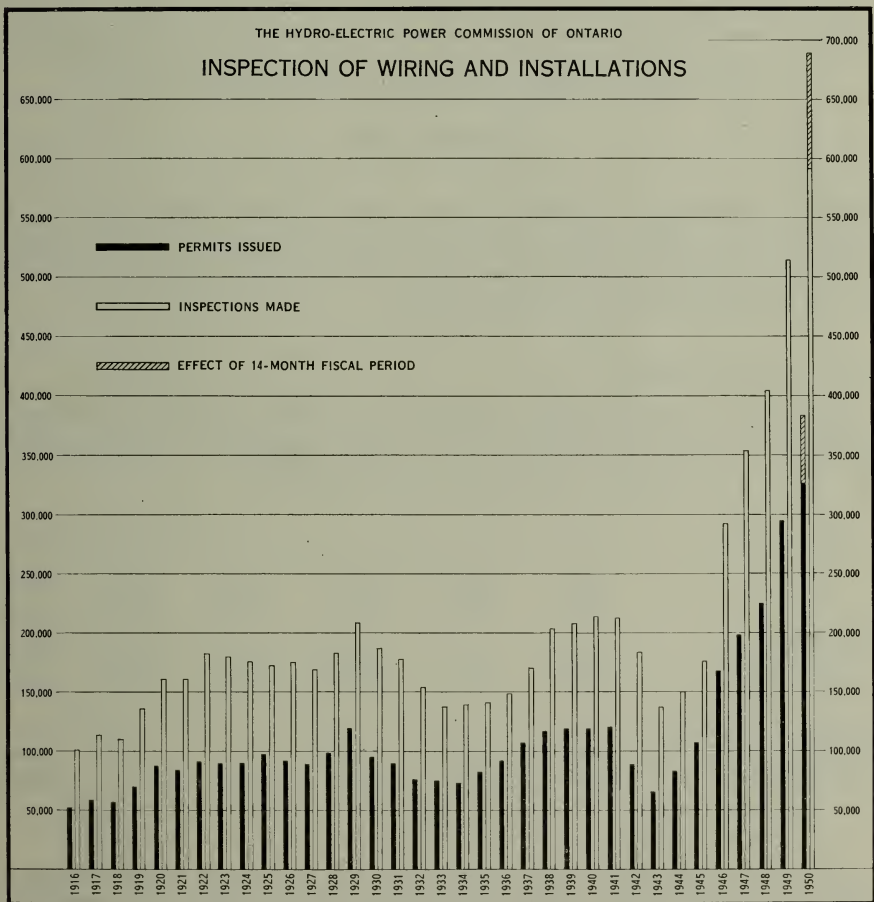
The tariffs were given wide public distribution.



It is estimated, assuming the existing volume of business, that the increases in fees will raise revenues by about 10 per cent and cover the cost of the service. The new schedule became effective on November 20, 1950.

Electrical accidents claimed the lives of nine persons in Ontario during 1950. Thirteen fires were attributed directly to electrical causes and other fires may have been of electrical origin.

There was an increase of 15.5 per cent in the number of special inspections of electrical equipment by the Sales Control Section arising from the use of electrical equipment not approved by the Canadian Standards Association.



## SECTION IV

### RURAL ELECTRICAL SERVICE IN ONTARIO

**Record Expansion to Rural Communities—Five-Year Post-War Plan  
Completed and Greatly Exceeded—Acceleration of Aggregate  
Load Growth—Rates Adjusted to Meet Rising Cost of  
Construction**

THE Commission's established rural policy of providing a province-wide distribution of electricity at a uniform rate and under similar conditions to each class of rural customer has continued to extend rapidly the benefits of Hydro power to all parts of the Province.

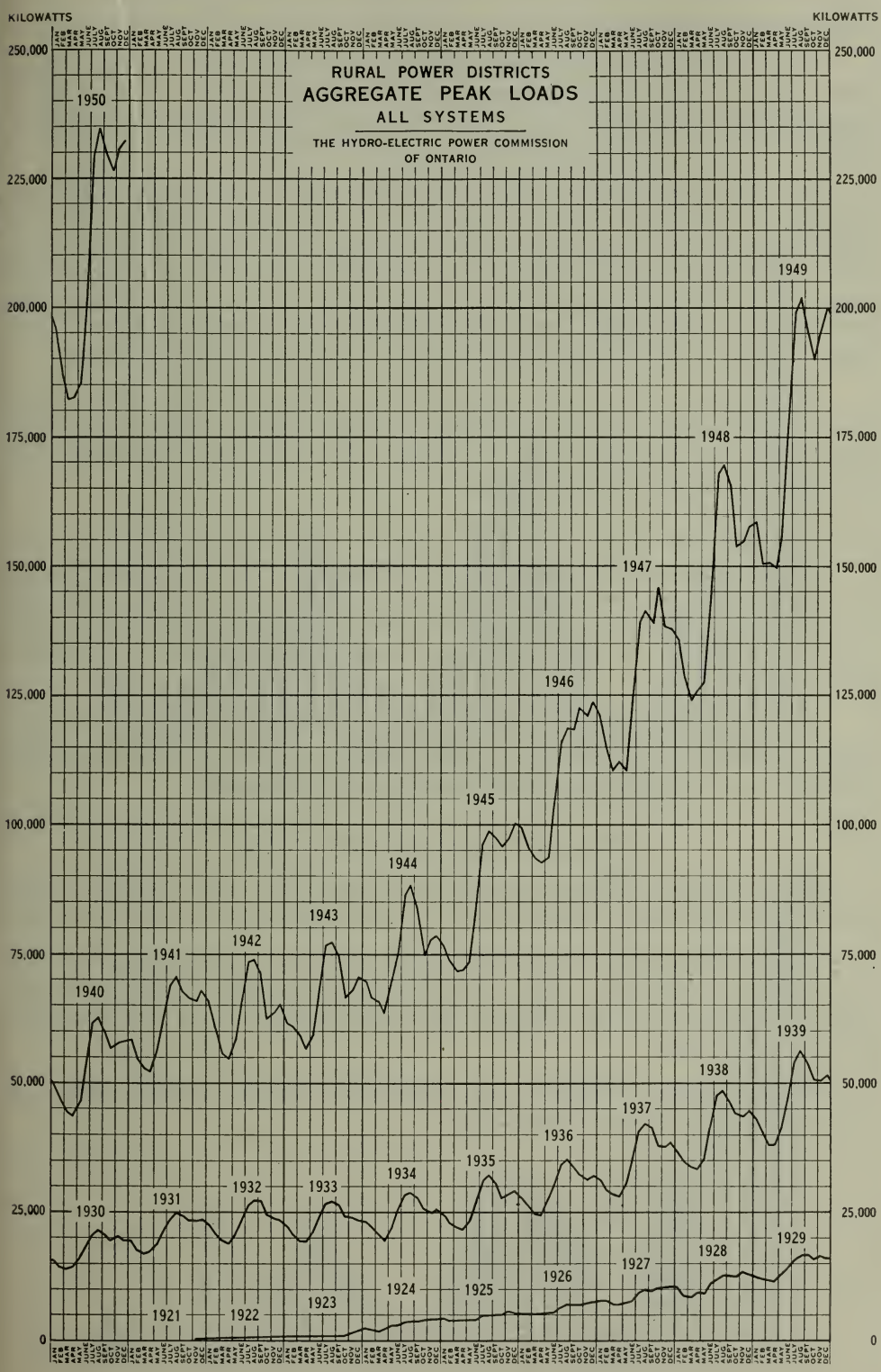
#### Five-Year Plan Completed

The five-year post-war plan, commenced in 1946, to meet the accumulated demands of the post-war period has now been completed. The program laid out for this five-year period has been greatly exceeded.

|                               | First<br>year<br>1946 | Second<br>year<br>1947 | Third<br>year<br>1948 | Fourth<br>year<br>1949 | Fifth<br>year<br>1950 | Total<br>five<br>years |
|-------------------------------|-----------------------|------------------------|-----------------------|------------------------|-----------------------|------------------------|
| <b>MILES OF LINE</b>          |                       |                        |                       |                        |                       |                        |
| Five-year plan.....           | 1,135                 | 2,151                  | 1,532                 | 1,357                  | 1,154                 | 7,329                  |
| Constructed.....              | 1,188                 | 1,008                  | 3,556                 | 4,738                  | 2,733                 | 13,223                 |
| <b>CUSTOMERS TO BE SERVED</b> |                       |                        |                       |                        |                       |                        |
| Five-year plan.....           | 13,602                | 13,964                 | 11,180                | 10,102                 | 9,056                 | 57,904                 |
| Actually served.....          | 16,802                | 20,691                 | 26,036                | 35,206                 | 37,516                | 136,251                |

The above tabulation shows that for the five-year period mileage of new lines constructed exceeded that planned for by 80 per cent, and the number of customers added exceeded the plan by 135 per cent.

The sale of power in rural operating areas continues to increase yearly. Only when the many customers recently added have installed the electrical equipment they desire and need will the full extent of the growth in rural demand be realized.



**Rates for Rural Hydro Service**

The uniform rate plan inaugurated by the Commission on January 1, 1944, relied heavily and continues to rely for success upon revenues from increased sale of energy. The maximum use of the facilities provided is essential in order to produce sufficient revenue to meet fixed costs.

The revenues obtained during 1949 from all rural customers were not sufficient to meet the cost of serving these customers. During 1950 the Commission, after a complete study of this situation, which was caused by increased costs of material and labour, found it necessary to increase the rates to all types of customers to the extent necessary to cover anticipated future costs. Accordingly, new rate schedules were placed in effect as of May 1, 1950. These new rates are set out in Appendix III of this Report.

The growth in the use of power and the revenues obtained from these new rates materially reduced the deficit in 1950 operation. It is hoped that these rates and increased uses of energy will enable the Commission to maintain the rates now established.

**Provincial Assistance**

The amalgamation of rural power districts and the unification of rates is made possible by the assistance given by the Province as part of its aid to agriculture. The extent and effect of the financial assistance in the distribution of power in rural operating areas should therefore be clearly understood.

The Government grant-in-aid of 50 per cent of the capital cost of lines and equipment for the supply of power relates solely to the initial capital investment for distribution facilities in rural operating areas.

**STATUS OF RURAL SERVICE IN 1950**

What has been achieved during the thirty years since Hydro's rural power district program was begun in 1921 is well illustrated by the following:

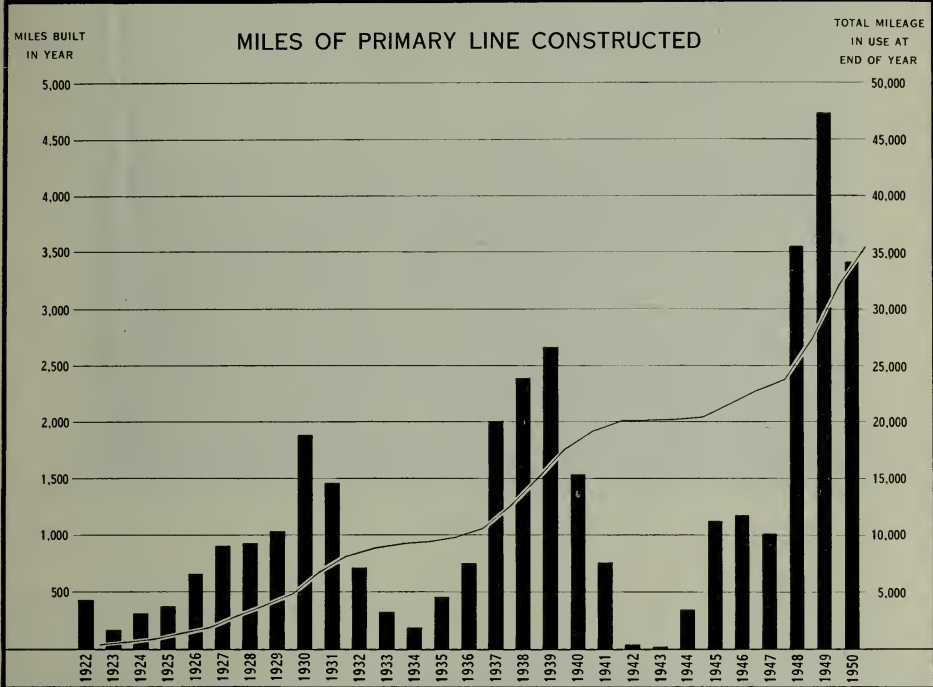
**Properties Served**—Rural electrical service is distributed in 103 separate rural operating areas, of which 91 are located in the Southern Ontario System, 1 in the Thunder Bay System, and 11 in the Northern Ontario Properties.

**Municipalities Served**—The customers served through the 103 rural operating areas are situated in:

|                            |     |
|----------------------------|-----|
| Towns.....                 | 7   |
| Villages.....              | 9   |
| Police Villages.....       | 130 |
| Organized Townships.....   | 512 |
| Unorganized Townships..... | 112 |
| Improvement Districts..... | 4   |
| Total.....                 | 774 |



THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO  
RURAL POWER DISTRICTS





**RURAL LINE CONSTRUCTION**

A common scene in Ontario farming areas. The modern farmer considers electrical service a necessity for maximum production

**Miles of Primary Lines—**

|   |           |
|---|-----------|
| Miles constructed to October 31, 1949.....  | 32,059.26 |
| Miles constructed during 1950.....          | 2,733.70  |
| Miles constructed to December 31, 1950..... | 34,792.96 |

On December 31, 1950, having surveyed the new applications received and the probable demands of the year ahead, the Commission decided on a 1951 program of 4,200 miles of new line. Together with lines not completed at the end of December, 1950, the entire program which the Commission will endeavour to complete will amount to approximately 4,900 miles in 1951.

**Customers—**

|   |         |
|---|---------|
| Customers served to October 31, 1949.....     | 255,295 |
| Customers added during 1950.....              | 37,516  |
| Total customers served December 31, 1950..... | 292,811 |

On the assumption that the full program of line construction will be completed, it is expected that the net increase in customers during 1951 will be about 40,000.

A prominent feature of rural service is the large number of farms electrified during the last four years. According to the 1941 Dominion Census there were approximately 178,000 farms in Ontario. Of this number, slightly over 173,000 are considered as the type of farm that would come under the Commission's farm classification for rural electrification.

During the last four years very substantial progress has been made by the Commission in the construction of lines throughout the Province to serve these farms. This growth is shown in the following percentages of saturation for the Province:

|           |    |
|-----------|----|
| 1947..... | 47 |
| 1948..... | 52 |
| 1949..... | 60 |
| 1950..... | 67 |

It is pointed out that these saturation figures are based upon the 1941 Dominion Census. Such changes as may have been made in the number of farms in Ontario will not be known until the 1951 census is completed.



**PROMPT COOLING OF MILK** on the farm stops the growth of bacteria and maintains the quality of a wholesome product. An electric motor, compact, clean, and automatically-controlled, will supply power for a few cents a day



**Investment—**

|   |                 |
|---|-----------------|
| Total capital cost of rural lines October 31, 1949..... | \$89,331,733.48 |
| Capital expenditure, 1950.....                          | 17,511,497.74   |
| Total capital cost, December 31, 1950.....              | 106,843,231.22  |

In order to complete the program now authorized, it is expected that a capital expenditure of approximately \$31,000,000 will be required.

**LOADS**

The following table shows the remarkable growth in rural loads during the past thirteen years. The first column shows very large increases in the aggregate peak loads of the months of maximum demand in successive years. The second column shows similar increases in the aggregate peak loads of average months. These increases have been on an unprecedented scale during the past five years.

**LOAD GROWTH—RURAL OPERATING AREAS**

| Year      | Maximum aggregate peak load during year |                    | Average aggregate peak load during year |                 |
|-----------|---|--------------------|---|-----------------|
|           | kilowatts                               | Increase for month | kilowatts                               | Annual increase |
|           |   | per cent           |   | per cent        |
| 1938..... | 48,506                                  | 8.5                | 39,824                                  | 7.9             |
| 1939..... | 56,124                                  | 10.2               | 45,979                                  | 8.3             |
| 1940..... | 62,922                                  | 9.1                | 52,233                                  | 8.4             |
| 1941..... | 70,501                                  | 10.2               | 60,609                                  | 11.2            |
| 1942..... | 73,770                                  | 4.4                | 64,616                                  | 5.4             |
| 1943..... | 77,878                                  | 5.5                | 65,787                                  | 1.6             |
| 1944..... | 88,227                                  | 13.9               | 73,538                                  | 10.4            |
| 1945..... | 98,899                                  | 14.3               | 82,996                                  | 12.7            |
| 1946..... | 122,660                                 | 36.1               | 104,304                                 | 28.6            |
| 1947..... | 145,854                                 | 31.1               | 125,224                                 | 28.0            |
| 1948..... | 169,439                                 | 19.9               | 144,085                                 | 15.0            |
| 1949..... | 202,073                                 | 19.3               | 170,569                                 | 18.4            |
| 1950..... | 234,752                                 | 16.2               | 208,584                                 | 22.3            |

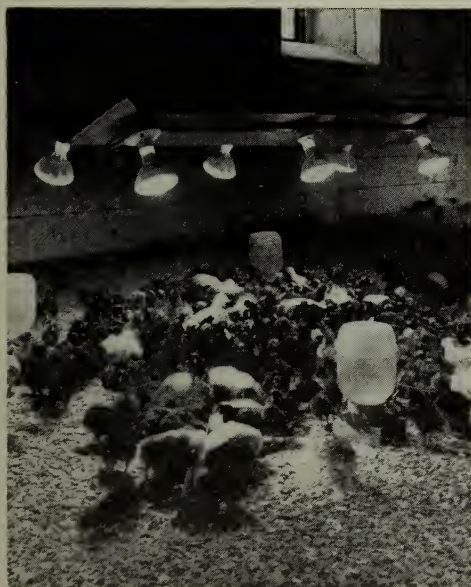
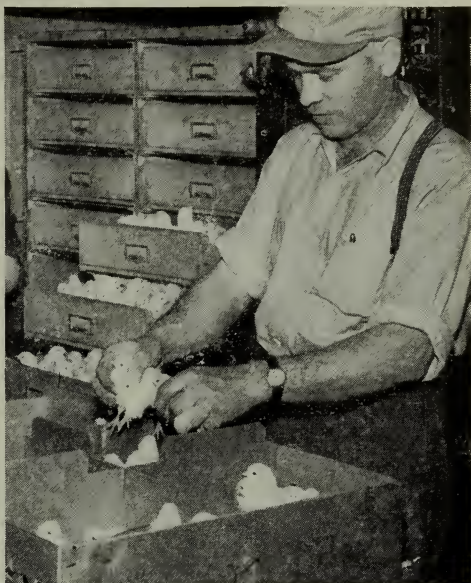
Aggregate peak load is the summation of peak loads of all rural operating areas for highest aggregate month. Increase indicates per cent over same month in previous year.

Average aggregate peak load is the summation of twelve monthly peak loads for each and all rural operating areas divided by twelve.

Another feature of the load growth in rural operating areas is the steady increase in the demand created by each customer from year to year. There are two periods during the year when the number of customers affects the aggregate load taken, namely: in summer, usually during August when summer cottages are served, and in winter, usually during December, when summer cottages are not served.

As an indication of this trend in individual demands, the following table sets out the actual demand per customer during the summer and winter months for the last thirteen years. It should be noted that the winter demand is approaching 1 kilowatt for each customer. Furthermore, it is expected that when all customers have installed equipment for their usual needs this demand will be considerably higher.





#### ELECTRICITY SERVES THE POULTRY INDUSTRY

Whether it is for the electric incubator, with automatically-controlled temperature, humidity, and ventilation; or the electric knife, with speed and positive action, electrical equipment is best for the job. Infra-red heat lamps are shown being used experimentally for chick brooding

## SUMMER AND WINTER DEMANDS PER CUSTOMER

| Year      | Average demand per customer—<br>month of August | Average demand per customer—<br>month of December |
|-----------|---|---|
|           | kilowatts                                       | kilowatts   |
| 1938..... | 0.498   | 0.537   |
| 1939..... | 0.504   | 0.537   |
| 1940..... | 0.514   | 0.567   |
| 1941..... | 0.537   | 0.601   |
| 1942..... | 0.550   | 0.562   |
| 1943..... | 0.572   | 0.595   |
| 1944..... | 0.612   | 0.628   |
| 1945..... | 0.632   | 0.739   |
| 1946..... | 0.686   | 0.830   |
| 1947..... | 0.728   | 0.836   |
| 1948..... | 0.770   | 0.831   |
| 1949..... | 0.792   | 0.918   |
| 1950..... | 0.802   | 0.933   |

RURAL SERVICE SINCE ADOPTION OF PROVINCE-WIDE UNIFORM RATES AND  
NEW CLASSIFICATION, JANUARY 1, 1944.

| Service              | Year | Annual<br>revenue | Energy<br>consumption | Number<br>of cus-<br>tomers<br>billed | Average<br>revenue<br>per<br>kwh | Average<br>monthly<br>bill | Average<br>monthly<br>consump-<br>tion |
|----------------------|------|-------------------|-----------------------|---------------------------------------|----------------------------------|----------------------------|--|
|                      |      | \$                | kwh                   |                                       | cents                            | \$                         | kwh                                    |
| Farm service.....    | 1944 | 2,396,508.94      | 113,706,660           | 59,639                                | 2.11                             | 3.53                       | 167                                    |
|                      | 1945 | 2,606,431.15      | 137,194,727           | 65,141                                | 1.90                             | 3.48                       | 183                                    |
|                      | 1946 | 3,072,921.16      | 176,460,859           | 72,285                                | 1.74                             | 3.72                       | 214                                    |
|                      | 1947 | 3,430,307.61      | 206,420,795           | 78,668                                | 1.66                             | 3.79                       | 228                                    |
|                      | 1948 | 3,942,730.96      | 242,291,332           | 87,530                                | 1.63                             | 3.95                       | 243                                    |
|                      | 1949 | 4,508,978.00      | 275,946,330           | 102,051                               | 1.63                             | 3.96                       | 243                                    |
|                      | 1950 | 7,441,437.92      | 403,018,641           | 114,724                               | 1.85                             | 4.90                       | 266                                    |
| Hamlet service.....  | 1944 | 1,937,102.28      | 82,106,734            | 56,130                                | 2.36                             | 2.95                       | 125                                    |
|                      | 1945 | 2,027,283.82      | 92,056,781            | 58,867                                | 2.20                             | 2.93                       | 133                                    |
|                      | 1946 | 2,345,531.81      | 118,287,655           | 66,177                                | 1.98                             | 3.12                       | 158                                    |
|                      | 1947 | 2,754,265.69      | 150,411,043           | 74,879                                | 1.83                             | 3.24                       | 178                                    |
|                      | 1948 | 3,279,149.63      | 185,225,412           | 85,598                                | 1.77                             | 3.40                       | 192                                    |
|                      | 1949 | 3,552,600.42      | 200,875,642           | 94,852                                | 1.77                             | 3.28                       | 186                                    |
|                      | 1950 | 5,712,108.72      | 302,905,040           | 114,592                               | 1.89                             | 3.90                       | 207                                    |
| Commercial service.. | 1944 | 341,646.50        | 15,010,213            | 8,262                                 | 2.28                             | 3.51                       | 154                                    |
|                      | 1945 | 381,570.09        | 18,915,619            | 8,870                                 | 2.02                             | 3.72                       | 184                                    |
|                      | 1946 | 468,391.94        | 25,069,924            | 10,315                                | 1.87                             | 4.07                       | 218                                    |
|                      | 1947 | 572,625.58        | 33,304,037            | 11,851                                | 1.72                             | 4.30                       | 250                                    |
|                      | 1948 | 706,949.62        | 41,665,764            | 13,589                                | 1.70                             | 4.63                       | 273                                    |
|                      | 1949 | 1,147,167.71      | 69,458,813            | 18,439                                | 1.65                             | 5.97                       | 361                                    |
|                      | 1950 | 2,083,696.71      | 113,039,553           | 18,749                                | 1.84                             | 8.00                       | 434                                    |
| Summer service.....  | 1944 | 435,622.43        | 11,859,662            | 19,291                                | 3.67                             | 1.93                       | 53                                     |
|                      | 1945 | 473,887.53        | 14,250,142            | 20,947                                | 3.33                             | 1.96                       | 59                                     |
|                      | 1946 | 555,833.10        | 18,352,748            | 24,244                                | 3.03                             | 2.05                       | 68                                     |
|                      | 1947 | 632,102.22        | 21,116,561            | 27,182                                | 2.99                             | 2.04                       | 68                                     |
|                      | 1948 | 722,951.54        | 24,440,522            | 31,088                                | 2.96                             | 2.07                       | 70                                     |
|                      | 1949 | 855,107.11        | 28,038,463            | 37,313                                | 3.05                             | 2.08                       | 68                                     |
|                      | 1950 | 1,376,606.36      | 32,307,669            | 43,735                                | 4.26                             | 2.81                       | 66                                     |

NOTE: The figures shown in these columns include customers connected and billed during the year, but do not include those connected near the end of the year but not billed. Customers taking power and special services are not listed.



RURAL SERVICE, 1928 TO 1943, BEFORE ADOPTION OF PROVINCE-WIDE UNIFORM RATES AND NEW CLASSIFICATION. COMPARABLE FIGURES FOR EARLIER YEARS NOT AVAILABLE

Hamlet and House Lighting Service

| Year | Annual revenue | Kilowatt-hours consumed | Number of customers billed* | Average revenue per kwh | Average monthly bill | Average monthly consumption. |
|------|----------------|-------------------------|-----------------------------|-------------------------|----------------------|------------------------------|
|      | \$             | kwh                     |                             | cents                   | \$                   | kwh                          |
| 1928 | 530,407.00     | 10,702,031              | 17,585                      | 4.95                    | 2.51                 | 50.7                         |
| 1929 | 663,311.00     | 14,424,770              | 21,219                      | 4.60                    | 2.85                 | 62.0                         |
| 1930 | 757,558.00     | 17,815,987              | 25,013                      | 4.25                    | 2.73                 | 64.2                         |
| 1931 | 974,224.17     | 22,127,474              | 31,176                      | 4.40                    | 2.88                 | 65.6                         |
| 1932 | 1,075,081.03   | 24,654,386              | 33,368                      | 4.36                    | 2.76                 | 63.3                         |
| 1933 | 1,133,368.70   | 25,410,470              | 35,941                      | 4.46                    | 2.70                 | 60.1                         |
| 1934 | 1,149,876.67   | 27,768,460              | 37,466                      | 4.14                    | 2.61                 | 63.0                         |
| 1935 | 1,171,873.28   | 30,802,290              | 39,751                      | 3.80                    | 2.53                 | 66.5                         |
| 1936 | 1,239,010.83   | 35,666,241              | 43,014                      | 3.47                    | 2.49                 | 71.8                         |
| 1937 | 1,331,919.46   | 40,935,040              | 46,785                      | 3.25                    | 2.47                 | 76.0                         |
| 1938 | 1,439,681.39   | 47,612,820              | 52,514                      | 3.02                    | 2.42                 | 79.9                         |
| 1939 | 1,649,496.29   | 54,787,544              | 58,328                      | 3.01                    | 2.36                 | 78.3                         |
| 1940 | 1,812,550.53   | 60,839,240              | 62,973                      | 2.98                    | 2.40                 | 80.5                         |
| 1941 | 1,995,468.46   | 67,587,082              | 67,939                      | 2.95                    | 2.45                 | 82.9                         |
| 1942 | 2,118,911.57   | 72,613,472              | 69,766                      | 2.92                    | 2.56                 | 87.9                         |
| 1943 | 2,170,221.41   | 73,980,871              | 70,919                      | 2.93                    | 2.57                 | 87.6                         |

Farm Service

| Year | Annual revenue | Kilowatt-hours consumed | Number of customers billed* | Average revenue per kwh | Average monthly bill | Average monthly consumption. |
|------|----------------|-------------------------|-----------------------------|-------------------------|----------------------|------------------------------|
|      | \$             | kwh                     |                             | cents                   | \$                   | kwh                          |
| 1928 | 569,007.00     | 10,969,828              | 9,309                       | 5.18                    | 4.97                 | 96                           |
| 1929 | 777,736.00     | 16,022,842              | 12,605                      | 4.85                    | 5.85                 | 121                          |
| 1930 | 863,805.00     | 20,507,063              | 16,011                      | 4.21                    | 5.03                 | 119                          |
| 1931 | 1,128,554.28   | 25,716,141              | 20,796                      | 4.39                    | 5.11                 | 116                          |
| 1932 | 1,255,482.13   | 28,675,400              | 22,432                      | 4.38                    | 4.84                 | 110                          |
| 1933 | 1,309,122.96   | 30,062,194              | 23,283                      | 4.35                    | 4.75                 | 109                          |
| 1934 | 1,319,922.69   | 33,312,314              | 23,882                      | 3.96                    | 4.66                 | 118                          |
| 1935 | 1,343,222.39   | 37,667,453              | 25,357                      | 3.57                    | 4.55                 | 128                          |
| 1936 | 1,385,784.39   | 45,447,669              | 28,198                      | 3.05                    | 4.31                 | 141                          |
| 1937 | 1,366,484.50   | 54,858,240              | 35,508                      | 2.49†                   | 3.57                 | 144†                         |
| 1938 | 1,711,788.81   | 67,886,882              | 44,565                      | 2.52†                   | 3.56                 | 141†                         |
| 1939 | 2,090,259.14   | 81,613,087              | 53,240                      | 2.56†                   | 3.56                 | 139†                         |
| 1940 | 2,405,092.40   | 93,859,719              | 58,728                      | 2.56†                   | 3.41                 | 133†                         |
| 1941 | 2,690,250.37   | 107,061,610             | 63,304                      | 2.51                    | 3.54                 | 141                          |
| 1942 | 2,870,300.31   | 116,448,363             | 63,748                      | 2.46                    | 3.75                 | 152                          |
| 1943 | 2,934,011.31   | 121,428,714             | 64,292                      | 2.42                    | 3.81                 | 158                          |

\* See footnote to table on page 64.

† In the period 1937 to 1940, there was an increase in the statistical average revenue per kilowatt-hour and a decrease in the statistical average monthly consumption per customer. Actually there was a great increase in the use of electricity by nearly all individual Hydro customers and a corresponding decrease to each customer in the average cost per kilowatt-hour. But due to the tremendous growth at that time in new customers, who for the first few years were not equipped to use large quantities of electricity each month, the smaller monthly consumption of the new customers when averaged with the increased use of the older customers produced per customer averages which obscured the true trends of individual growth in use and individual reductions in costs.

**RURAL LINE EXTENSIONS APPROVED BY THE COMMISSION  
DURING THE YEAR 1950**

| System   | Miles of primary line | Net increase in number of customers |               |               | Capital approved for extensions |                         |
|--|-----------------------|-------------------------------------|---------------|---------------|---------------------------------|-------------------------|
|  |                       | Farm                                | Non-farm      | Total         | Total                           | Provincial grant-in-aid |
| <b>SOUTHERN ONTARIO</b>                        |                       |                                     |               |               | \$                              | \$                      |
| Western Region.....                            | 131.84                | 1,280                               | 3,613         | 4,893         | 2,125,732                       | 1,062,866               |
| West Central Region..                          | 214.62                | 1,391                               | 3,417         | 4,808         | 2,170,672                       | 1,085,336               |
| Niagara Region.....                            | 41.24                 | 275                                 | 1,346         | 1,621         | 479,554                         | 239,777                 |
| Toronto Region.....                            | 47.70                 | 464                                 | 2,049         | 2,513         | 812,482                         | 406,241                 |
| Georgian Bay Region..                          | 581.19                | 2,560                               | 4,779         | 7,339         | 3,107,358                       | 1,553,679               |
| East Central Region..                          | 356.80                | 1,255                               | 3,219         | 4,474         | 1,993,784                       | 996,892                 |
| Eastern Region.....                            | 421.75                | 1,756                               | 2,523         | 4,279         | 2,177,506                       | 1,088,753               |
| <b>Southern Ontario totals.</b>                | <b>1,795.14</b>       | <b>8,981</b>                        | <b>20,946</b> | <b>29,927</b> | <b>12,867,088</b>               | <b>6,433,544</b>        |
| <b>THUNDER BAY</b>                             |                       |                                     |               |               |                                 |                         |
| Northwestern Region..                          | 41.22                 | 127                                 | 121           | 248           | 219,100                         | 109,550                 |
| <b>NORTHERN ONTARIO PROPERTIES</b>             |                       |                                     |               |               |                                 |                         |
| Northeastern Region..                          | 298.95                | 830                                 | 2,839         | 3,669         | 1,825,626                       | 912,813                 |
| Northwestern Region..                          | 70.04                 | 145                                 | 310           | 455           | 335,784                         | 167,892                 |
| <b>Northern Ontario Properties totals.....</b> | <b>368.99</b>         | <b>975</b>                          | <b>3,149</b>  | <b>4,124</b>  | <b>2,161,410</b>                | <b>1,080,705</b>        |
| <b>Totals.....</b>                             | <b>2,205.35</b>       | <b>10,083</b>                       | <b>24,216</b> | <b>34,299</b> | <b>15,247,598</b>               | <b>7,623,799</b>        |

**SUMMARY OF RURAL LINE CONSTRUCTION**

Approved by the Commission from June 1, 1921 to December 31, 1950  
Constructed or Under Construction

| System  | Miles of primary line | Number of customers |                |                | Capital expenditure   |                         |
|---|-----------------------|---------------------|----------------|----------------|-----------------------|-------------------------|
|   |                       | Farm                | Non-farm       | Total          | Total                 | Provincial grant-in-aid |
| <b>SOUTHERN ONTARIO</b>                       |                       |                     |                |                | \$                    | \$                      |
| Western Region....                            | 7,011.61              | 28,591              | 36,246         | 64,837         | 21,421,426.73         | 10,606,789.54           |
| West Central Region                           | 5,816.33              | 22,185              | 24,271         | 46,456         | 18,571,444.38         | 9,242,812.76            |
| Niagara Region....                            | 1,273.04              | 5,810               | 12,603         | 18,413         | 5,399,473.62          | 2,675,861.50            |
| Toronto Region....                            | 1,841.18              | 6,339               | 16,583         | 22,922         | 6,238,569.51          | 3,092,337.57            |
| Georgian Bay Region                           | 6,971.70              | 18,569              | 33,169         | 51,738         | 20,122,850.42         | 9,931,929.17            |
| East Central Region                           | 5,146.55              | 14,370              | 26,425         | 40,795         | 14,974,479.86         | 7,446,062.70            |
| Eastern Region....                            | 4,403.42              | 13,700              | 14,500         | 28,200         | 13,474,014.87         | 6,688,242.98            |
| <b>Southern Ontario totals</b>                | <b>32,463.83</b>      | <b>109,564</b>      | <b>163,797</b> | <b>273,361</b> | <b>100,202,259.39</b> | <b>49,684,036.22</b>    |
| <b>THUNDER BAY</b>                            |                       |                     |                |                |                       |                         |
| Northwestern Region                           | 640.75                | 1,514               | 2,062          | 3,576          | 1,996,391.84          | 998,132.01              |
| <b>NORTHERN ONTARIO PROPERTIES</b>            |                       |                     |                |                |                       |                         |
| Northeastern Region                           | 1,942.27              | 3,894               | 12,343         | 16,237         | 8,394,202.20          | 4,143,549.90            |
| Northwestern Region                           | 436.19                | 838                 | 1,095          | 1,933          | 2,041,864.79          | 1,018,585.96            |
| <b>Northern Ontario Properties totals....</b> | <b>2,378.46</b>       | <b>4,732</b>        | <b>13,438</b>  | <b>18,170</b>  | <b>10,436,066.99</b>  | <b>5,162,135.86</b>     |
| <b>Totals.....</b>                            | <b>35,483.04*</b>     | <b>115,810</b>      | <b>179,297</b> | <b>295,107</b> | <b>112,634,718.22</b> | <b>55,844,304.09</b>    |

\*These totals include 690.08 miles of primary line under construction on December 31, 1950 and service to 2,296 (consisting of 1,085 farm and 1,211 non-farm) new customers not completed until after the end of the fiscal year.

The capital expenditure and Provincial grant-in-aid outlined above includes the total actual expenditure to December 31, 1950, plus an estimate of the cost of completing lines partially constructed in 1950.



## RURAL OPERATING AREAS

## MILES OF LINE, NUMBER OF CUSTOMERS—DECEMBER 31, 1950

## Constructed and Receiving Service

| Region | Miles of line constructed | Number of customers receiving service |        |            |        |       |       | Not completed in 1950* |           |
|--------|---------------------------|---------------------------------------|--------|------------|--------|-------|-------|------------------------|-----------|
|        |                           | Farm                                  | Hamlet | Commercial | Summer | Power | Total | Miles                  | Customers |

## SUMMARY

|                                 |           |         |         |        |        |       |         |        |       |
|---------------------------------|-----------|---------|---------|--------|--------|-------|---------|--------|-------|
| Western.....                    | 6,929.20  | 28,539  | 26,407  | 3,535  | 5,958  | 241   | 64,680  | 82.41  | 157   |
| West Central.....               | 5,735.79  | 22,083  | 18,916  | 2,606  | 2,432  | 221   | 46,258  | 80.54  | 198   |
| Niagara.....                    | 1,235.33  | 5,795   | 9,747   | 927    | 1,789  | 115   | 18,373  | 37.71  | 40    |
| Toronto.....                    | 1,800.65  | 6,314   | 11,281  | 1,131  | 3,991  | 118   | 22,835  | 40.53  | 87    |
| Georgian Bay.....               | 6,882.68  | 18,433  | 11,818  | 2,833  | 18,333 | 61    | 51,478  | 89.02  | 260   |
| East Central.....               | 5,051.67  | 14,177  | 16,338  | 2,737  | 7,052  | 96    | 40,400  | 94.88  | 395   |
| Eastern.....                    | 4,293.10  | 13,421  | 9,406   | 2,369  | 2,515  | 95    | 27,806  | 110.32 | 394   |
| Southern Ontario totals.....    | 31,928.42 | 108,762 | 103,913 | 16,138 | 42,070 | 947   | 271,830 | 535.41 | 1,531 |
| Northwestern (Thunder Bay)..... | 621.87    | 1,511   | 1,461   | 230    | 364    | 7     | 3,573   | 18.88  | 3     |
| Northwestern (N.O.P.).....      | 423.36    | 783     | 703     | 218    | 44     | 3     | 1,751   | 12.83  | 182   |
| Northeastern.....               | 1,819.31  | 3,669   | 9,387   | 1,293  | 1,255  | 53    | 15,657  | 122.96 | 580   |
| Total all regions...            | 34,792.96 | 114,725 | 115,464 | 17,879 | 43,733 | 1,010 | 292,811 | 690.08 | 2,296 |

\*Miles of line and total customers, not included in preceding columns.

Details of each rural operating area are given in the tables of Appendix III to the Report.

## SECTION V

### ENGINEERING AND CONSTRUCTION

#### Impressive Highlights of Development Program—

#### Expansion Continues Unabated—

#### Fuel-Electric Projects

THE Commission's construction program, which has been pursued with ever mounting vigour since the close of World War II, was signalized by remarkable achievement during 1950 when four major hydro-electric generating stations were placed in service. Three of these, the George W. Rayner, Pine Portage, and Des Joachims were officially opened on June 14, June 21, and June 28 respectively. Chenaux Generating Station was first placed in service in November. The first three of these are described at length and Chenaux and other projects still under construction are described more briefly in this section.

The first report on the Commission's plans for further development of Niagara power is also included. The potential capacity at Niagara, increased by international agreement during 1950, and that of the international section of the St. Lawrence River are the only major resources of hydro-electric power—within reasonable transmission distance of southern Ontario—remaining undeveloped. Rapid growth of demands combined with continued uncertainty as to the prospects of developing the St. Lawrence made it advisable for the Commission to authorize in 1948 and 1949 the construction of two large fuel-electric generating stations, the J. Clark Keith at Windsor and the Richard L. Hearn at Toronto. During 1950 excellent progress was made on these projects by the contractors engaged by the Commission. The remarkable load growth experienced during the latter half of the period and further postponement of a decision to develop the St. Lawrence led the Commission to authorize the installation of one additional unit at J. Clark Keith Generating Station and two additional units at Richard L. Hearn Generating Station.

The task of planning and supervising or executing large-scale projects for the generation, transmission, transformation, and distribution of power kept the Engineering, Supply, and Construction Divisions very busily engaged throughout the year. Difficulties in procuring workers, both skilled

## Summary of Hydro's Development Program—1945 to 1954

## CONSTRUCTION OF GENERATING STATIONS

As at December 31, 1950

| <i>System and development</i>                               | <i>In operation</i> | <i>In service</i>       | <i>Dependable<br/>peak capacity<br/>kilowatts</i> |
|---|---------------------|-------------------------|---|
| <b>SOUTHERN ONTARIO SYSTEM</b>                              |                     |                         |   |
| DeCew Falls (Extension)—Niagara Region.....                 |                     | Sept. 1947              | 57,000  |
| Stewartville—Madawaska River.....                           |                     | Sept. 1948              | 63,000  |
| Additional power purchase contract—Polymer Corporation..... |                     | Nov. 1948               | 22,500  |
| Emergency fuel-electric units.....                          |                     | Jan. 1949—Apr. 1950     | 63,000*   |
| Des Joachims—Ottawa River.....                              |                     | 7 units, July—Dec. 1950 | 350,000   |
| Chenau—Ottawa River.....                                    |                     | 2 units, Nov.—Dec. 1950 | 30,000  |
| <b>THUNDER BAY SYSTEM</b>                                   |                     |                         |   |
| Aguasabon—Aguasabon River.....                              |                     | Oct. 1948               | 40,000  |
| Pine Portage—Nipigon River.....                             |                     | July 1950               | 60,000†   |
| <b>NORTHERN ONTARIO PROPERTIES</b>                          |                     |                         |   |
| Ear Falls (Extension)—English River.....                    |                     | June 1948               | 6,000   |
| George W. Rayner—Mississagi River.....                      |                     | July 1950               | 42,000  |
| Total in service.....                                       |                     |                         | 733,500   |

*Authorized and Under Construction*

|  |  |                               |           |
|--|--|-------------------------------|-----------|
| <b>SOUTHERN ONTARIO SYSTEM</b>                 |  |                               |           |
| Des Joachims—Ottawa River.....                 |  | 1 unit, Feb. 1951             | 50,000    |
| Chenau—Ottawa River.....                       |  | 6 units, Jan.—Sept. 1951      | 90,000    |
| Otto Holden—Ottawa River.....                  |  | 8 units, Dec. 1951—Oct. 1952  | 204,000   |
| J. Clark Keith—Windsor.....                    |  | 3 units, Sept. 1951—Nov. 1952 | 198,000   |
| Richard L. Hearn—Toronto.....                  |  | 4 units, Sept. 1951—Feb. 1953 | 376,000‡  |
| Sir Adam Beck—Niagara No. 2—Niagara River..... |  | 6 units—1954                  | 450,000** |
| Total under construction.....                  |  |                               | 1,368,000 |
| Total in service and under construction.....   |  |                               | 2,101,500 |

\*Including 10,000 kilowatts not available October—December.

†Ultimate capacity planned, 120,000 kilowatts.

‡Ultimate capacity after conversion of first and third units to 60-cycle operation, 400,000 kilowatts.

\*\*Installed capacity.

**Financial Summary of Hydro's Capital Development Program to December 31, 1950**

## For Power Generation:

|  |               |               |
|--|---------------|---------------|
| Expenditures on projects in service.....         | \$188,613,807 |               |
| Expenditures on projects under construction..... | 65,037,787    |               |
| Unexpended portion of approvals.....             | 250,779,642   | \$504,431,236 |

## For Transmission Lines:

|   |               |             |
|---|---------------|-------------|
| Expenditures on lines in service.....         | \$ 69,430,938 |             |
| Expenditures on lines under construction..... | 12,513,401    |             |
| Unexpended portion of approvals.....          | 18,258,311    | 100,202,650 |

For Transformation, Frequency-Changer Station Facilities,  
And Service Buildings:

|  |               |             |
|--|---------------|-------------|
| Expenditures on facilities in service.....         | \$ 76,798,474 |             |
| Expenditures on facilities under construction..... | 11,256,967    |             |
| Unexpended portion of approvals.....               | 24,807,759    | 112,863,200 |

## For Rural Construction:

|  |               |            |
|--|---------------|------------|
| Expenditures on lines and facilities in service.....         | \$ 58,485,718 |            |
| Expenditures on lines and facilities under construction..... | 4,299,838     |            |
| Unexpended portion of approvals.....                         | 2,935,000     |            |
| 1951 Program.....  | 26,160,000    | 91,880,556 |

|                                  |  |            |
|----------------------------------|--|------------|
| Other Approved Expenditures..... |  | 45,445,818 |
|----------------------------------|--|------------|

\$854,823,460

NOTE: The figures for the rural program include the expenditures in 1946 and 1947 and the authorized future program in order to conform with the basis used for the rest of the figures in the table.

and unskilled, and shortages of a long list of materials, particularly steel and other metals, made the task even more onerous than it would otherwise have been. Nevertheless the performances of all departments, as described subsequently in this section, were excellent.

#### System Planning and Program Planning

Numerous studies were made on proposed development of resources and incorporation of the output of these into existing transmission systems. Planning of facilities required to supply new and increased loads was carried out and the volume of this work was greatly increased due to the relatively large increases in load which occurred in the latter half of the year. Planning studies preceding the actual construction of a new power development on the Niagara River were undertaken and are continuing, along with work to determine the associated transmission requirements for this project. The extensions to authorized fuel-electric generating stations at Toronto and Windsor required planning studies to determine the transformer and transmission facilities associated with them. Basic area plans to provide power supply for frequency standardization were produced. The performance of the 230-kv, 60-cycle network placed in service in July 1950 has been scrutinized carefully to determine its adequacy. In conjunction with the Operations and Research Divisions, studies were made to obtain improved performance from the 230-kv, 60-cycle network during its initial operating stages.

Frequency standardization and several large additions to the Commission's generating resources recently placed in service and under construction have added greatly to the complexity of planning the system transmission line and station facilities. Superimposed on this problem is the planning of supply of 60-cycle power to numerous 25-cycle municipal centres in advance of standardization to enable new loads to be supplied at the higher frequency and so to forestall the need for frequency change later.

These problems have emphasized the importance of planning system facilities, not only to meet present and immediate requirements, but also to insure their fitting appropriately into the picture of long-term growth, no matter how large this may become.

The Commission's program planning developed the timing for system additions and extensions with due consideration of the relative urgency of system needs including frequency standardization, the interdependence of generating stations, transmission lines and terminal facilities, and the availability of materials and the work load in engineering and construction. Revisions to individual project schedules were made when necessary to comply with changing conditions of system requirements, flow of materials, and work loads. Of particular importance was the acceleration of schedules for the Otto Holden and Chenaux projects, together with their associated lines and terminal facilities in order to help meet unexpected load growth.

#### Consulting Engineering Division

A new engineering division was created late in 1948 from what was called the New Building Section. It is entrusted with the planning, design, supervision, and in some cases the execution, of a large number of projects



of varying size not specifically related to the generation or distribution of power. During the 1950 fiscal period the division was responsible for the erection of thirty buildings having a total area of 750,000 square feet. It provided eleven operating bases for the Frequency Standardization Division. Buildings, pavements, water supply, and drainage facilities were provided and power and telephone services were extended at the A. W. Manby Service Centre. One of the division's special tasks has been the supervision of the use of Bailey bridging in the Commission's construction program. In all, the division was responsible during 1950 for 121 different jobs involving expenditures in excess of \$8,000,000.

#### **Supply of Material and Equipment**

At the beginning of the year construction materials for the Commission's projects were more readily available. This situation continued until the summer of 1950 when the threat of war, with attendant increases in the manufacturing of defence materials, caused shortages of many items and consequential price increases. In the past few years the Commission has obtained or assured delivery of the main supplies needed for the completion of its construction program. It will however still have to contend with shortages and increased prices of materials needed for the construction of the new development at Niagara.

### **PROGRESS ON POWER DEVELOPMENTS**

Four major hydro-electric generating stations were brought into service during the year, excellent progress was made on another, and preliminary work was commenced on a new development on the Niagara River, namely Sir Adam Beck-Niagara Generating Station No. 2. In the following paragraphs extended descriptions of three completed projects are submitted and progress during the year on those under construction is outlined.

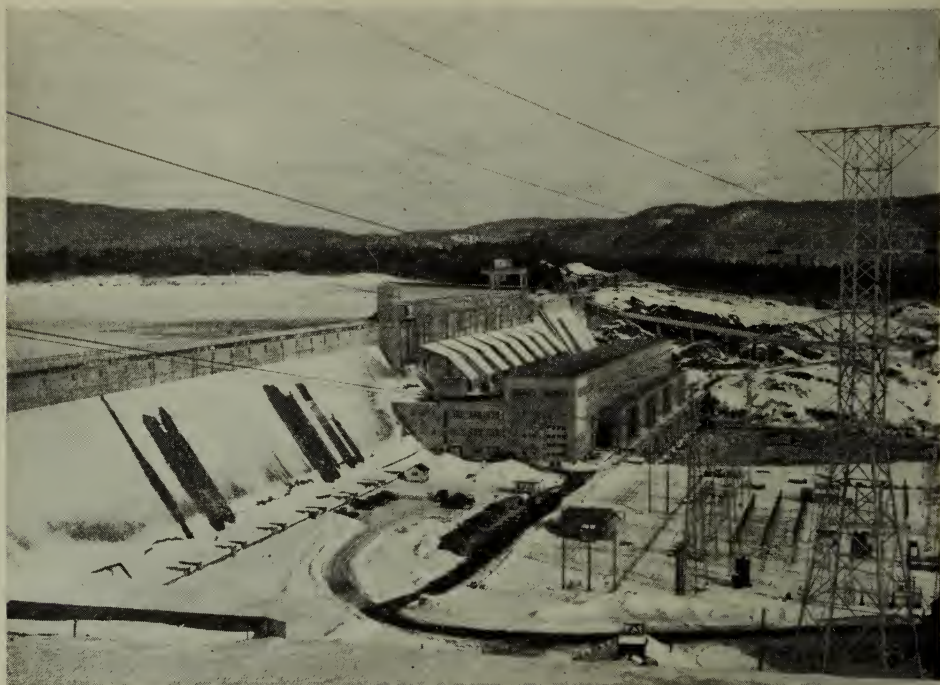
In addition to the work on new power developments, activities included the collection of hydrometric data, supervision of the control of storage basins and of various water diversions, and renewals and improvements at various generating stations throughout the Province.

### **SOUTHERN ONTARIO SYSTEM**

#### **DES JOACHIMS GENERATING STATION—OTTAWA RIVER**

This, the largest of three new developments on the Ottawa River, was officially opened on June 28, 1950 and two of the eight units carried commercial load on July 6. Five additional units came into service on August 12, August 27, October 1, November 5, and December 13, while the eighth and last unit was placed in service in February 1951.

The rated capacity of the eight units totals 358,000 kilowatts. Tests conducted recently indicate that the peak capacity of the generating station will exceed this figure appreciably. The project is located on the main river at the Rapide Des Joachims near the Village of Des Joachims about 38



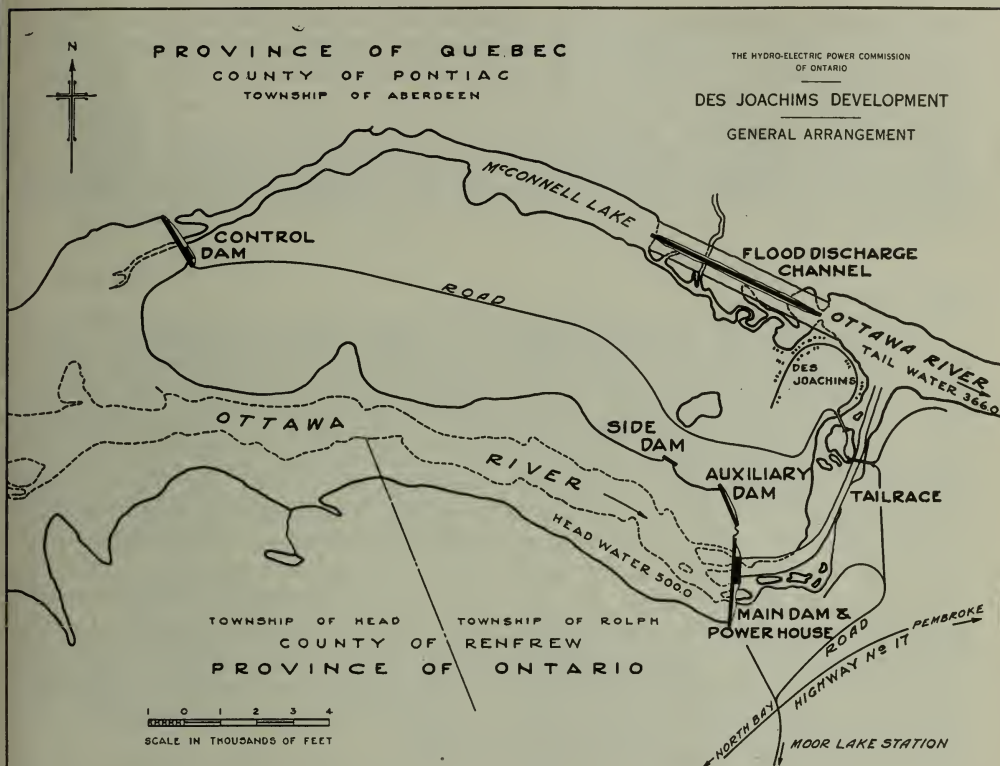
DES JOACHIMS—The main dam and power-house area, late 1950

miles up the river from Pembroke. Construction commenced in the fall of 1946. The estimated cost of the generating facilities is \$75,775,000.

The accompanying plan shows the general arrangement of the project, which comprises essentially the main dam and power-house, a tail-race channel, the McConnell Lake Control Dam, side dams, and a flood-discharge channel for passing high river-flows. The work included the clearing of 11,000 acres of land between the Des Joachims site and the Village of Mattawa, creating a lake 57 miles long, the diversion and rebuilding of 23 miles of railway line and 12 miles of Provincial highway, and the raising and reconstruction of the Canadian Pacific Railway bridge across the Ottawa River at Mattawa.

#### Construction Procedure

The main dam is located at the Rapide Des Joachims where the Ottawa River flowed through three separate channels. The Ontario channel was closed off first with up-stream and down-stream cofferdams. The portion of the dam spanning this channel was built, leaving nine temporary openings, 40 feet wide, the full height of the dam, and separated by piers or sections of dam 20 feet wide. The McConnell Dam was also started, leaving nine similar temporary openings 30 and 38 feet wide. The Quebec channel was closed and finally the middle or interprovincial channel was closed, the river-flow then passing through the temporary openings left in the Ontario channel, while the Quebec end of the dam and the part of the dam under the head-works were built. Following this, the pours to close the temporary



openings in the main dam were made in nineteen planned stages behind three large steel gates that were lowered down the up-stream face of the dam. The object was to conserve water to raise the head-pond as the pours were being made, while still permitting the passage of the minimum flow of water required by the generating stations located farther down the river. At the same time, sufficient discharge capacity was provided to dispose of freshet-flows, should they occur, without causing the head-pond to overtop incomplete sections of the dam. Closure-pours at the main dam were made to elevation 435, and above this the concrete was placed by the conventional method for the remaining 70 feet. When the temporary openings were concreted to elevation 435, the entire river-flow was diverted through the nine temporary openings left in the McConnell Dam. The tail-race from the power-house to the Deep River section of the Ottawa River was then excavated in the dry by building a cofferdam at the lower end of the tail-race channel. Closure at McConnell Dam, like that at the main dam, proceeded in stages—39 for the full height of the dam—and the head-pond was gradually raised to the elevation required.

#### Main Dam

The main dam is a concrete structure 2,400 feet long with a maximum height of 180 feet. The standard bulkhead section has a top width of 18 feet 6 inches, the up-stream face has a batter of 1 to 24, and on the down-



stream side the face is vertical for a distance of 19 feet and then slopes down-stream on an  $8\frac{1}{2}$  to 12 batter. An inspection tunnel 4 feet wide and 8 feet high is provided near the base of the dam, 12 feet down-stream from the baseline, through the deep sections of the dam with a portal at each end. The head-works is centred approximately on the Interprovincial Boundary and has a total length of 480 feet. A trash-chute has been provided on the main dam just north of the head-works, and a log-chute farther north on the Quebec end.

#### Head-Works

The head-works section consists of eight separate intakes. Water from the forebay enters each intake through two openings which merge before reaching the penstock. Racks are provided in each opening, and are placed up-stream from the face of the dam so that any waterlogged roots or logs may be pushed below the intake. For dewatering the head-gates, steel emergency stoplogs may be placed down-stream from the trash-racks. Head-gates are provided for each intake and each head-gate is equipped with an independent hoisting mechanism driven through suitable gearing from an electric motor. The hoisting mechanism is housed in a reinforced-concrete superstructure 480 feet long, 17 feet wide and 13 feet high, situated on the down-stream side of the head-works deck. On the head-works deck, astride the superstructure, an electrically-operated gantry-crane with a capacity of 40 tons is provided for the handling of the head-gates, emergency stoplogs, and trash-racks. An auxiliary hook of higher speed with a capacity of 4 tons is also provided for the handling of trash.

Off the south end of the head-works superstructure, an observation gallery and lobby have been provided, from which point an elevator travels



DES JOACHIMS—The development, with McConnell Lake in the left background, summer 1950



down into the main dam. From here a tunnel through the dam provided access to the power-house at the control-room level.

#### **Penstocks**

Eight steel-plate penstocks, 22 feet in diameter and 140 feet long, encased in concrete, convey the flow from the head-works to the turbines in the power-house substructure at the base of the dam.

#### **Log-Chute**

The log-chute head-block in the main dam has a 20-foot sluice-way, with the sill 10 feet below normal headwater level and has a motor-operated Taintor-type gate to control the flow, by raising or lowering the gate. With this control, any desired depth of flow over the gate for the passage of logs can be obtained. A concrete transition-section directs the flow from the 20-foot sluice-way into a steel-plate V-shaped chute, 7 feet deep, 9 feet wide, and approximately 1,000 feet long, which is supported on steel towers and concrete piers at 50-foot centres.

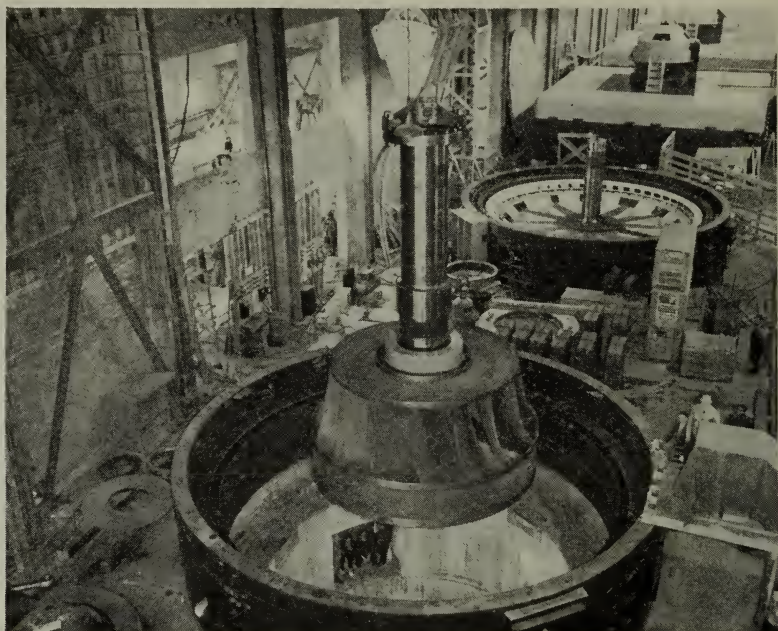
#### **Power-House Substructure**

The power-house is located at the base of the down-stream side of the dam and is centred on the Interprovincial Boundary. The lower elbow of the penstock and the steel-plate scroll-case are encased in the concrete substructure. The water, after passing through the scroll-case and turbine, enters concrete elbow-type draft-tubes and then passes into the tail-race. Each draft-tube may be dewatered by placing a set of steel stoplogs between the tail-race piers by means of a monorail-hoist on the underside of the tail-race deck. For dewatering, the draft-tubes are drained into sumps provided between each pair of units, with pumps which discharge into the tail-race channel.

#### **Generating Station Equipment**

Eight vertical-shaft generating units each comprising a Francis-type turbine directly connected to a conventional-type generator operate at a speed of 105.9 rpm. The turbines and governors were furnished by Dominion Engineering Company Limited and the generators by Canadian Westinghouse Company Limited. Each turbine has a rated capacity of 62,000 brake horsepower at 130-foot head. The governors are of the twin-cabinet type situated up-stream and centrally with respect to the two units served. The governor pressure-system is equipped with a pressure-tank and a sump-tank which are interconnected to form a twin system. Operation of the pumps is controlled so that one of them supplies both pressure-tanks at normal pressure, while the other is a stand-by and starts only when pressure falls to a pre-determined amount below normal.

The generators are totally enclosed, 50,000-kva, 0.9 power factor, 3-phase, 60-cycle, 13.8-kv machines. The air enclosed within each generator's modern square casing is circulated by fans and cooled by water in eight cooling-coils mounted on the generator-frame.



DES JOACHIMS—Installing one of the eight turbines in the power-house

The generating station has two electrically-operated cranes, each having a capacity of 170 tons on the main hook, and 25 tons on an auxiliary hook. An equalizer-beam provides for the use of both cranes in the handling of heavier loads.

#### **Power-House Superstructure**

The power-house superstructure is 590 feet long, 58 feet wide, and 65 feet high. The building is of structural steel, framed with reinforced-concrete walls and roof. Daylight is admitted through panels of glass blocks between columns on the up-stream and down-stream sides and the south end of the power-house generator-room. The north end has one large steel-framed glazed window. The machine- and electrical-shops, storage-rooms and station service-area are located on the generator-room floor-level in the one-storey section of the building between the generator-room and the down-stream face of the dam. The battery-, cable-, lunch-, locker-, and wash-rooms are at the southerly end of the power-house on the generator-room floor-level of the section of the building between the generator-room and the down-stream face of the dam, with the control-room, reception-wing, and offices in the two upper floors.

#### **Tail-Race**

The tail-race channel, approximately 7,000 feet long, excavated in solid rock along the existing river-bed, conveys the water discharged from the generating station to the Deep River section of the Ottawa River. A width of 480 feet at the draft-tube outlets is reduced in a transition to 175 feet, which continues to a point near the exit to the Deep River where, in a second transition, it widens to 490 feet.





McCONNELL LAKE CONTROL DAM—Control gates and sluice-ways, September 1950

### McConnell Dam

The McConnell Dam is a concrete structure 1,600 feet long with a maximum height of 130 feet. It is located at the upper end of an ancient river channel which provides a convenient means of by-passing excess flow. As a control dam it has been provided with six power-operated fixed roller-type sluice-gates, 40 feet wide, with sills 25 feet below normal water-level. There are also forty stoplog-sluices, 16 feet wide, with sills 20 feet below normal water-level. The stoplogs are handled by means of two motor-operated spud-winchs. An inspection tunnel at the base of the dam, similar to the one at the main dam, has been provided.

During periods of high river-flow, excess water passes through this dam into McConnell Lake and then through a partly excavated, and partly eroded channel into the Deep River section of the Ottawa River.

### Power into System

The 13.8-kv power from each generator is conducted by copper buses in metal compartments through a 3,000-ampere air-blast circuit-breaker in a metal-clad structure, thence through single conductor-cables to the main transformer bank. Each bank consists of three 33,333-kva, single-phase, water-cooled transformers, connected delta-star to step up to 230 kv with the high-voltage neutral solidly grounded. Each transformer has two low-voltage windings to receive the output independently from each of two generators. This results in an arrangement of four main transformer banks on the tail-race deck to serve the eight generating units.

The switchyard is located southeast from the erection bay. The area contains fourteen 230-kv, 800-ampere, 5,000,000-kva rupturing capacity, pneumatically-operated oil circuit-breakers, each with its own air-compressor and storage bank. Twelve circuit-breakers are arranged for three-pole reclosure and the other two for single-pole tripping and reclosure. The 230-kva ring-bus is based on the arrangement of one and one-half breaker per element. From this bus, four circuits on steel towers lead southward to Minden Switching Station, and one westerly to the Otto Holden project, with provision for a future sixth line.

Relay, telephone, and oil-treating buildings, oil-storage tanks, control-duct lines, and piping, are located within this yard. Carrier-communication and relaying on the 230-kv circuits is provided.

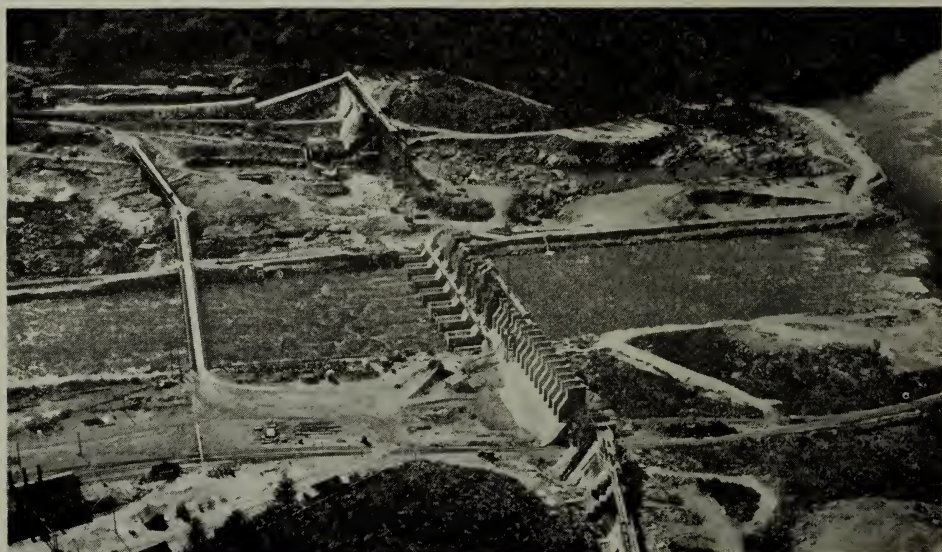
#### **Operators' Colony**

The Operators' colony situated on the height of land overlooking the main dam and power-house consists of 33 permanent homes and 9 temporary homes formerly used by the construction forces. The houses are grouped around an oval with a road leading to Provincial Highway No. 17. At the entrance to the colony a three-room school has been built, and a separate one-room temporary class-room. Near the colony a staff house with dining facilities will accommodate 25 people in single and double rooms.

#### **OTTO HOLDEN DEVELOPMENT—OTTAWA RIVER**

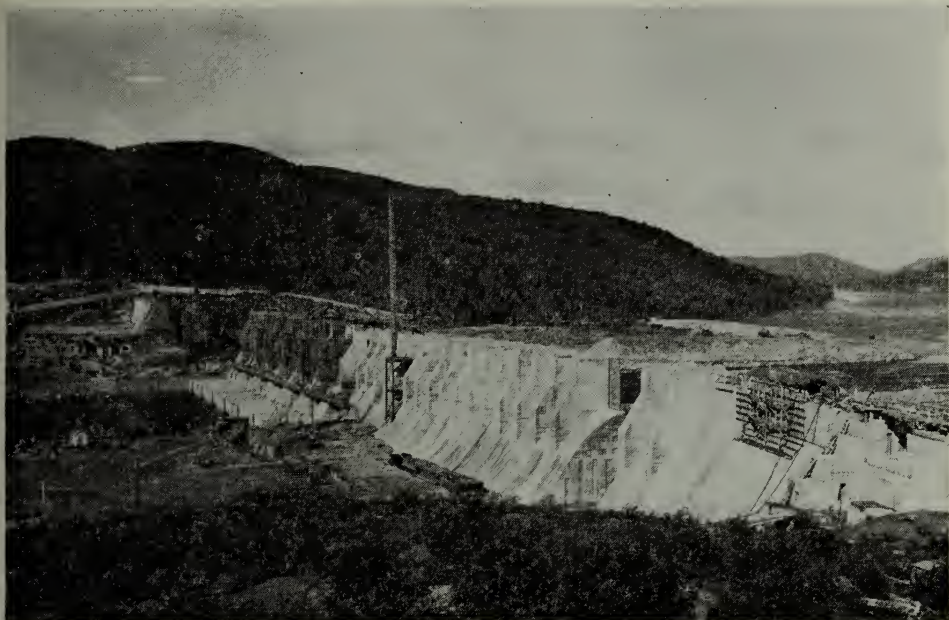
(FORMERLY LA CAVE DEVELOPMENT)

|                           |   |
|---------------------------|---|
| <i>Situation</i>          | —About 5 miles up-stream from Mattawa.        |
| <i>Installed Capacity</i> | —192,000 kilowatts in eight units, 60 cycles. |
| <i>Head</i>               | —77 feet.                                     |
| <i>Length</i>             | —Dam and head-works 1,500 feet.               |
| <i>Estimated Cost</i>     | —\$55,000,000.                                |



OTTO HOLDEN GENERATING STATION—Summer 1950





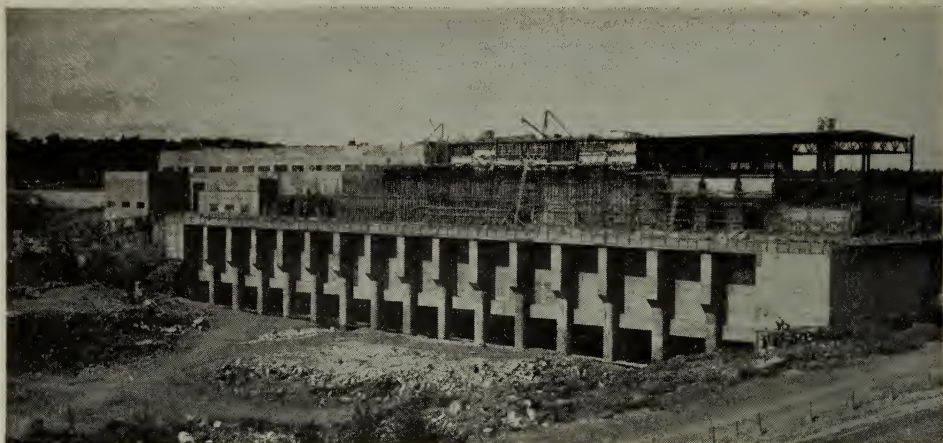
OTTO HOLDEN GENERATING STATION—Dam and head-works, September 1950

Actual construction started early in 1949 and necessitated the rerouting of the greater part of the Canadian Pacific Railway from Mattawa to Temiskaming. At the beginning of 1950, excavation was proceeding for the main dam, concrete was placed in portions of the west gravity-wall, and the diversion channel, through which the river flows during construction of the power-house, was nearing completion. By the end of the year rerouting of Highway No. 63 was completed, rerouting of the Canadian Pacific Railway was well advanced, about 40 per cent of the concrete had been placed in the power-house, and tail-race excavation, head-works and sluice-gates were well advanced. It is expected that closure of the main dam and the consequent gradual raising of headwater level will commence in July 1951.

#### CHENAUX GENERATING STATION—OTTAWA RIVER

- Situation* —About 60 miles down-stream from Des Joachims and 10 miles from Renfrew.
- In Service* —Unit No. 1, November 20, 1950; Unit No. 2, December 5, 1950; remaining units by December 1951.
- Installed Capacity*—120,000 kilowatts in eight units, 60 cycles.
- Head* —40 feet.

At the beginning of the year about 60 per cent of the concrete in the power-house substructure had been placed, the Portage du Fort Dam and



CHENAUX GENERATING STATION—Main dam and power-house, September 1950

clearing of flooded lands were largely completed. By March, installation of turbines was progressing and by August the Limerick Island Dam was well advanced. Work in general was in advance of that visualized a year ago to the degree that the first unit was in operation on November 20, and the second on December 5, 1950.

#### SIR ADAM BECK-NIAGARA GENERATING STATION NO. 2—NIAGARA RIVER

*Situation* —About  $1\frac{1}{2}$  miles above the Town of Queenston and adjacent to Sir Adam Beck-Niagara Generating Station No. 1.

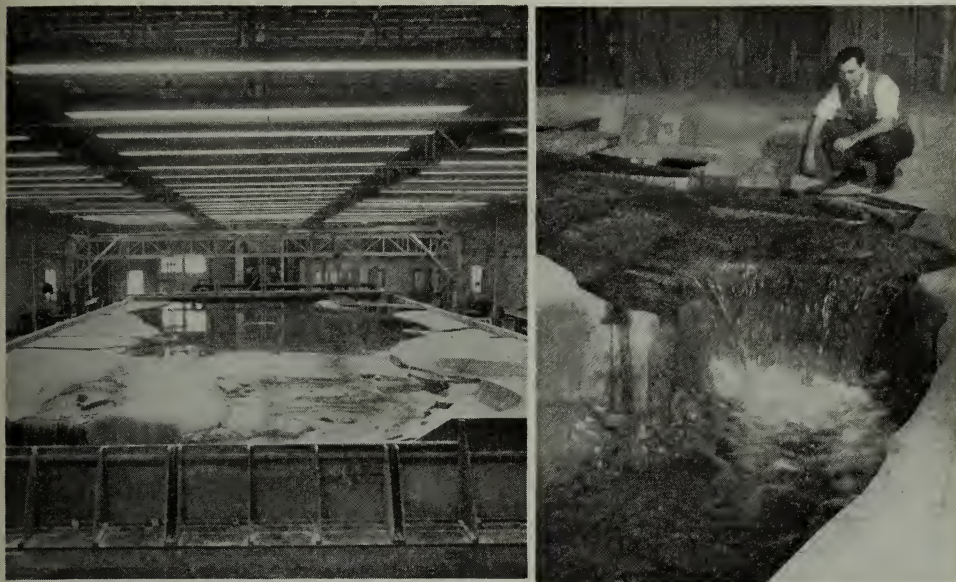
*Installed Capacity*—450,000 kilowatts in six units, 60 cycles.

*In Service* —1954.



CHENAUX GENERATING STATION—Portage du Fort Dam and the Limerick Island Dam both to the right of the main dam





**NIAGARA MODEL**—General view and close-up of the falls—used for design of remedial works at Niagara Falls and for the design of Sir Adam Beck-Niagara Generating Station No. 2

The signing of the Niagara Treaty of 1950, ratifications of which were exchanged on October 10, 1950, opened the way for the enlargement of generating facilities on the Niagara River, the first extension to be undertaken being Sir Adam Beck-Niagara Generating Station No. 2. The development will comprise an intake from the Niagara River near the Village of Chippawa, a tunnel about 5 miles long leading to an open channel 2 miles in length, a forebay, head-works, six penstocks, and a power-house. The power-house will contain six units, the turbines of which are each rated at 105,000 brake horsepower, and will be situated on the shore of the Niagara River a few hundred feet up-stream from Sir Adam Beck-Niagara Generating Station No. 1.

Preliminary construction work on camps, access roads, etc., was commenced and contracts for generating equipment and tunnel excavation will be awarded early in 1951.

## Fuel-Electric Stations

### J. CLARK KEITH GENERATING STATION

|                           |  |
|---------------------------|--|
| <i>Situation</i>          | —4450 Sandwich Street, Windsor. Adjacent to the Detroit River.                   |
| <i>In Service</i>         | —Unit No. 1, October 1951; Unit No. 2, December 1951; Unit No. 3, November 1952. |
| <i>Installed Capacity</i> | —198,000 kilowatts in three units, 60 cycles.                                    |
| <i>Estimated Cost</i>     | —\$35,000,000.   |

The initial approval allowed for two units but during 1950, authority was granted for the installation of a third and similar unit of 66,000 kilowatts.



J. CLARK KEITH GENERATING STATION—December 1950

H. G. Acres and Company, Consulting Engineers, have been retained as consultants and designers on the initial installation and on the extension of this station.

**First Stage—Units No. 1 and 2**

At the end of 1950, the main building was almost completed. A temporary end-wall was erected so that the building could be heated during the winter and the erection of equipment could proceed on schedule. The control and intake buildings and the intake and discharge tunnels under the main building were completed.

Steel stacks, dust collectors, steam generators, cooling-water screens, and permanent heating and lighting equipment were partially installed.

**RICHARD L. HEARN GENERATING STATION**

|                           |  |
|---------------------------|--|
| <i>Situation</i>          | —440 Unwin Avenue, Toronto, south of the Ship Channel in the eastern area of Toronto Harbour.  |
| <i>In Service</i>         | —Unit No. 1, September 1951; Unit No. 2, November 1951; Unit No. 3, November 1952; Unit No. 4, February 1953.  |
| <i>Installed Capacity</i> | —Units No. 1 and 3 will each have a capacity of 88,000 kilowatts at 25 cycles for later conversion to 100,000 kilowatts at 60 cycles. Units No. 2 and 4 will each have a capacity of 100,000 kilowatts at 60 cycles. |
| <i>Estimated Cost</i>     | —\$66,750,000.   |

Stone and Webster Engineering Corporation have been retained as consultants and designers on the initial installation and extension to this station.





RICHARD L. HEARN GENERATING STATION—December 1950

#### First Stage—Units No. 1 and 2

By the end of 1950 all of the main foundations were installed and structural steel erected for the main building. The brickwork on the main building was about 80 per cent complete. The roof and temporary end-wall were about 90 per cent complete and the installation of the temporary heating equipment was being expedited to provide heating in the main building during the winter. Erection of No. 1 steam generator was well advanced and work on No. 2 was started. Circulating-water pipes were in place, except for connection to the screen-well and outfall structure. Work on two radial-brick chimneys was about 90 per cent complete.

#### EMERGENCY FUEL-ELECTRIC GENERATING STATIONS

The five emergency fuel-electric generating stations (steam) which were under construction at the beginning of the fiscal year were all completed by April 1950. These stations, situated at Chatham, Hamilton (two), Thorold, and Scarborough, were operated during the year as required by load conditions.

Details of the capacities of these stations were given on pages 73 and 74 of the Commission's 42nd Annual Report.

## THUNDER BAY SYSTEM

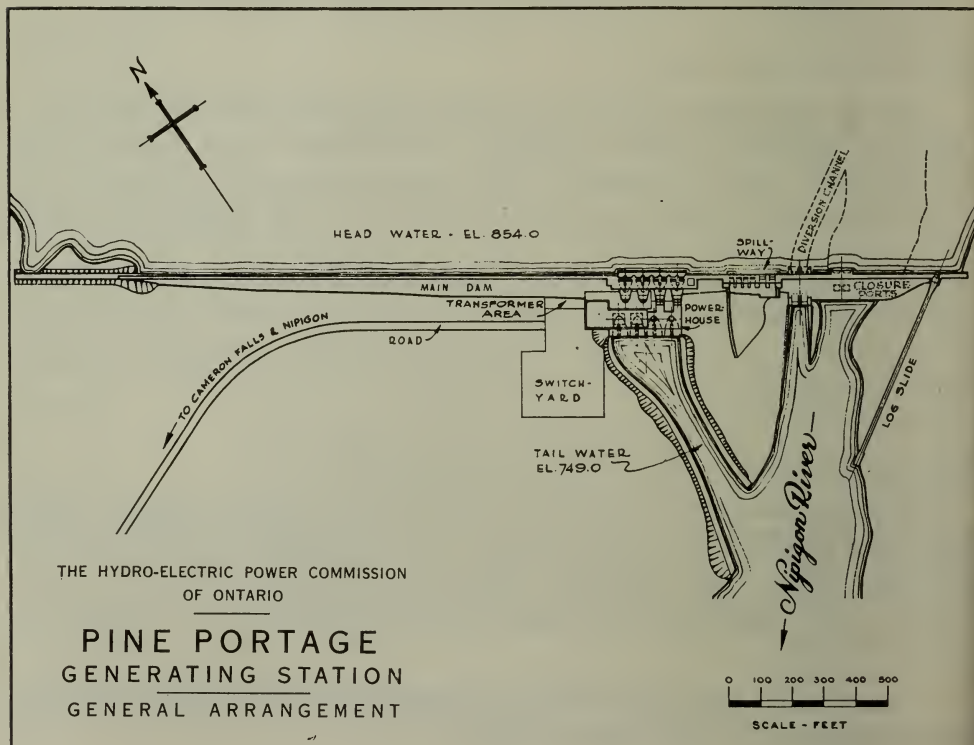
## PINE PORTAGE GENERATING STATION—NIPIGON RIVER

The Pine Portage hydro-electric development, where one unit was placed in service on July 17, 1950, and a second unit on September 15, 1950, provides additional generating resources for the Thunder Bay System. The installed capacity is 60,000 kilowatts but this will ultimately be doubled by the installation of two more units.

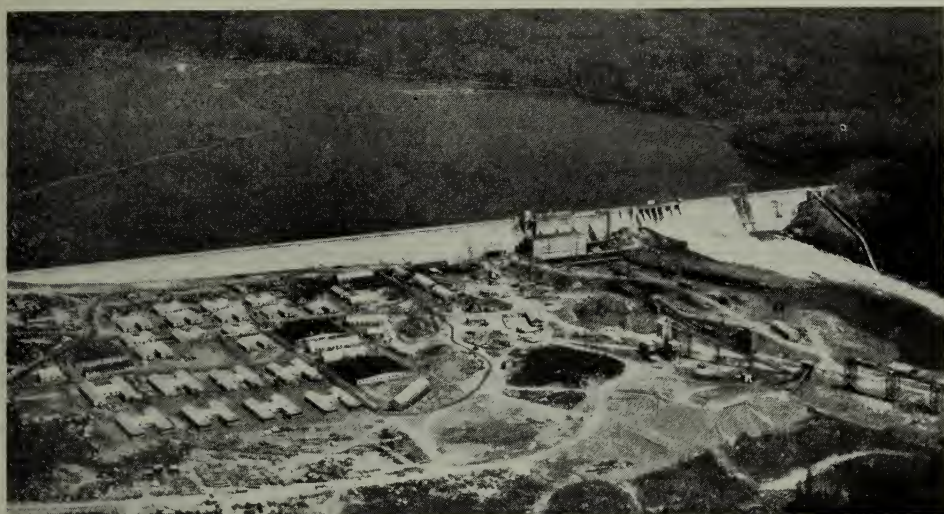
The station is situated on the Nipigon River about 12 miles up-stream from Cameron Falls Generating Station and is the third and final project for the development of the whole potential of the Nipigon River between Lake Nipigon and Lake Superior. It is connected to Alexander Generating Station and to Port Arthur by 13 and 90 miles of transmission line, respectively.

The project comprises a gravity-type concrete dam approximately 3,100 feet long with a maximum height of 140 feet in which the intake, spillway, and log-chute head-block are incorporated; a flood-water channel below the spillway; a power-house immediately down-stream from the dam on the west bank of the river; and a tail-race channel 600 feet long carrying the discharge from the draft-tubes to the Nipigon River.

A general plan of the project accompanies this description.







PINE PORTAGE GENERATING STATION—Summer 1950

#### Dewatering the Site and Closure Operations

To dewater the site of the dam a diversion channel (approximately 800 feet long) was excavated in the rock bluff on the west bank of the River. A section of the main dam with two concrete diversion ports was constructed in the channel with provision for steel gates which were later used to cut off the flow through the diversion channel when the dam was completed.

Rock-filled timber-crib cofferdams were then built across the river upstream and down-stream from the limits of the dam and the river-flow was diverted through the channel.

The closure operation presented an exacting problem because it was necessary to maintain sufficient flow in the river at all times to ensure continuous operation of Cameron Falls and Alexander Generating Stations down-stream. It was found that this could be accomplished by carrying out the closure in three stages. In addition to the diversion ports mentioned previously, two closure ports of equivalent size were constructed in the dam approximately half-way vertically between the diversion ports and the spillway. Due to the steep slope of the river up-stream from the dam and the high banks through which it travels, it was possible to close off the diversion ports and raise the water to provide sufficient flow through the closure ports in a matter of hours. The second stage of the closure was accomplished by slowly throttling down the flow through the closure ports as the head-pond level rose. This maintained satisfactory flow for the stations down-stream until the head-pond reached the level of the spillway. The closure ports were then closed, and flow to the plants down-stream was maintained by adjusting gates and stoplogs in the spillway sluices.

The two steel gates used first in the diversion ports and later in the closure ports were finally installed permanently in the spillway.



### The Dam

The main dam, except for 400 feet at the west end, has a standard gravity cross-section with an up-stream batter of 1 to 24 and an  $8\frac{1}{2}$  to 12 sloping face on the down-stream side. The dam has a top width of 12 feet west of the head-works and 14 feet 9 inches east of the head-works. The westerly 400 feet of the dam consists of a concrete bulkhead with a vertical up-stream face and a down-stream slope  $8\frac{1}{2}$  to 12. The elevation of the top of this bulkhead is 3 feet below that of the remainder of the dam. The bulkhead is covered with an earth fill having an up-stream slope of  $2\frac{1}{2}$  to 1, a down-stream slope of 3 to 1, and a top width of 20 feet. As several parts of the dam were constructed with formwork supported by Bailey bridging, the vertical construction joints were spaced throughout to accommodate this type of construction. The joints were spaced alternately at 36 feet and 33 feet 4 inches. Horizontal construction joints were established at intervals not exceeding 50 feet. Some of the pours near the bottom of the dam were considerably less than this.

Steel water-stops 16 inches wide and  $\frac{1}{4}$  inch thick were placed in both the horizontal and vertical construction joints near the up-stream face. Half the width of the water-stop was embedded in the first block of concrete poured and before the adjacent block was poured the entire vertical face of the first pour and the exposed half of the vertical water-stop were treated with a heavy coat of mastic. Semi-circular drains of  $7\frac{1}{2}$ -inch radius were located directly down-stream from the water-stops.

The dam is provided with inspection tunnels, one running west from the power-house for a distance of 700 feet and one running east from the diversion ports for a distance of 300 feet.

### Head-Works and Penstocks

The head-works section consists of four intakes, one for each unit. Water from the forebay enters each intake through two openings which merge before reaching the penstocks. Steel trash-racks are installed on the up-stream face of the head-works. Head-gates controlled by separate motor-driven hoists are provided for each intake.

The penstocks are 20 feet in diameter with a thickness of  $\frac{3}{4}$  inch throughout. They are encased in concrete envelopes having a minimum thickness of about 18 inches. The purpose of the concrete envelope is to protect the steel, eliminate periodical maintenance, and prevent expansion and contraction of the penstocks due to large variations in temperature. Only those portions of the penstocks for the third and fourth units which had to be embedded in the head-works concrete were installed.

### Power-House

The power-house is a steel and concrete structure 175 feet by 60 feet and is located close to the face of the dam.

Two single-runner, vertical-shaft, Francis-type turbines fabricated by Canadian Allis-Chalmers Limited, each with a rated capacity of 41,000

horsepower under a head of 105 feet at a speed of 109.1 rpm controlled by Woodward governors, are supplied through steel scroll-cases connected to the penstocks. Water discharged from the turbines passes through concrete elbow-type draft-tubes to the tail-race below the power-house. The draft-tubes have been constructed for the third and fourth units that will be installed at some future date.

The generators, built by the Canadian Westinghouse Company, are rated at 33,000 kilovolt-amperes at 90 per cent power factor, 13,800 volts, 60 cycles. In construction they are of the umbrella type and totally enclosed. Rototrol-type voltage regulators are used on these generators. They are the first of this type installed in Canada on generators driven by water-turbines.

The transformer bank is installed immediately west of the power-house. This bank comprises three transformers, each rated 22,000 kilovolt-amperes, single-phase, 13,800-13,800 to 138,000 Y volts. A fourth transformer has been provided as a spare for the bank.

The low-voltage switching equipment, supplied by the English Electric Company is of the air-blast type.

The power-house is equipped with a travelling crane having a capacity of 180 tons. There is an erection bay on the west end of the power-house to provide space for the erection and dismantling of turbines, generators, and transformers.



PINE PORTAGE GENERATING STATION—Power-house, switchyard, spill-way, and closure ports, June 1950



The control-room is located on the main floor of the power-house and is provided with a lighting system which gives the operator a clear view of the instruments on the switchboard unaffected by reflected light. The floor above the control-room provides accommodation for offices, storage, and the heating and ventilating equipment.

#### Log-Chute

An important feature of the development is the log-chute which will be required to pass as much as half a million cords of pulpwood and sawlogs during the course of each driving season. The head-block of the log-chute is located on the east bank of the river. The chute itself is of steel construction and discharges into the river approximately 650 feet down-stream from the dam. The flow through the head-block is controlled by a Taintor-type gate.

#### Spillway

The spillway consists of four sluices controlled by timber stoplogs and two sluices controlled by steel gates, providing a total discharge capacity of 42,000 cubic feet per second. The spillway discharge is guided into the river down-stream from the dam by two concrete training-walls.

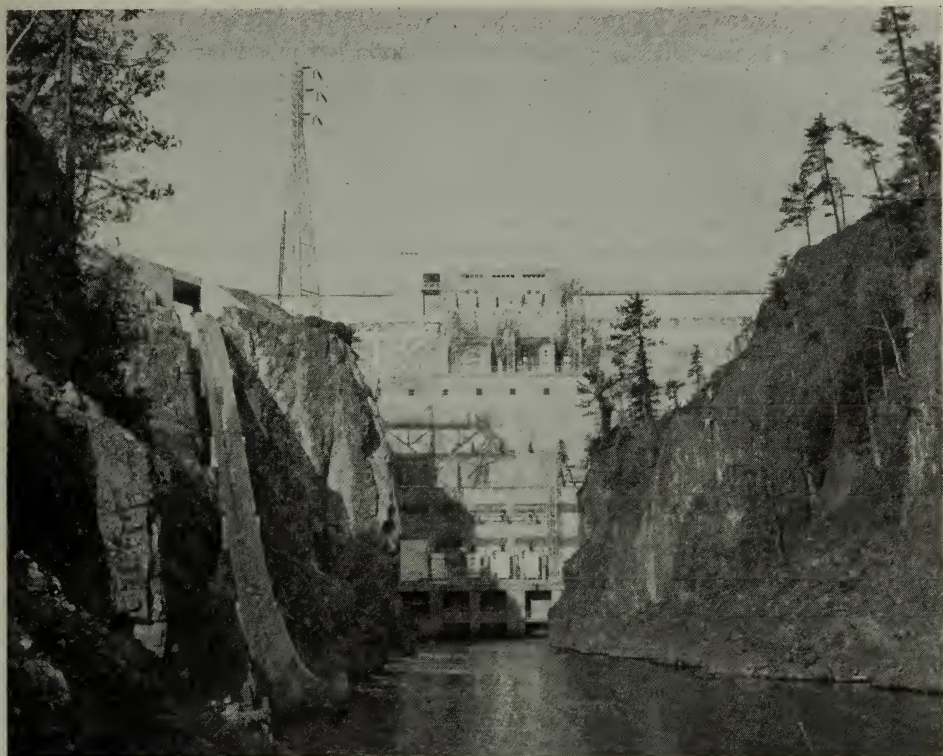
#### Colony

Living quarters for the operators are provided in a group of houses which were added to the existing colony at Cameron Falls.



PINE PORTAGE GENERATING STATION—Power-house and spill-way, June 1950





GEORGE W. RAYNER GENERATING STATION—Main dam and power-house,  
June 1950

## NORTHERN ONTARIO PROPERTIES

### (Northeastern Region)

#### GEORGE W. RAYNER GENERATING STATION—MISSISSAGI RIVER

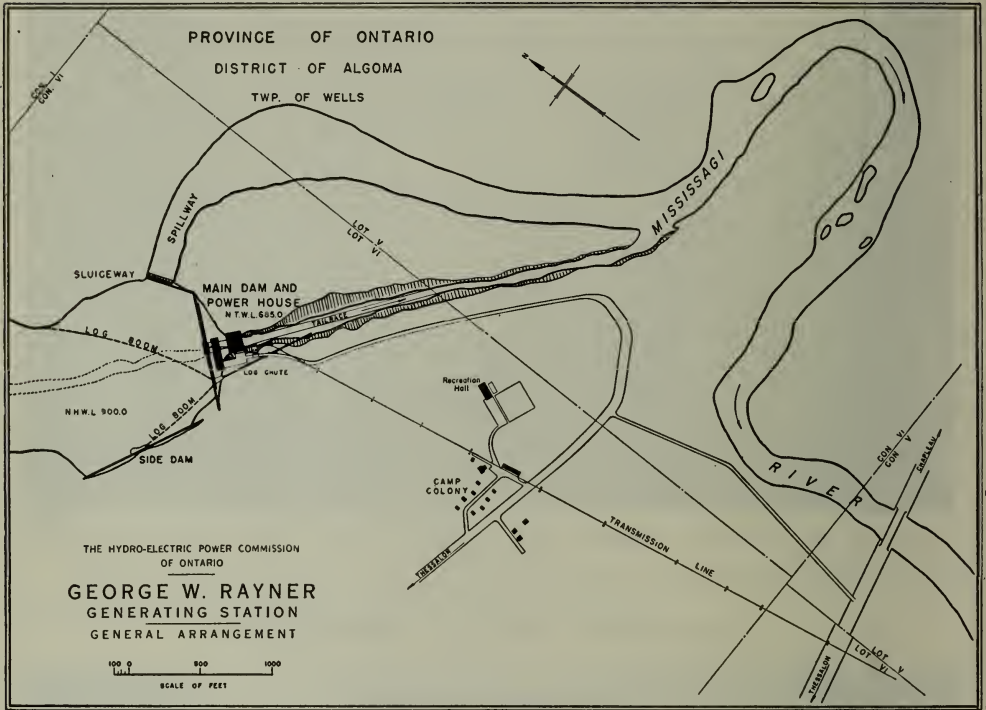
The George W. Rayner Generating Station (formerly known as Tunnel) is the first of four projects for the development of the potential of the Mississagi River. It was officially opened on June 14, 1950, the first unit carrying commercial load on July 15 and the second on July 24, providing an additional supply of 42,000 kilowatts to the Northeastern Region.

The station is located about 18 miles north of Thessalon at the head of a deep, narrow gorge through which the river flowed in a series of turbulent rapids. The station operates under a head of 210 feet, secured by flooding rapids for a distance of 12 miles up-stream but mostly from the natural fall immediately above and through the gorge.

The project proper comprises a gravity-type concrete main dam 996 feet long including the head-works and log-chute head-block; a concrete side dam 1,006 feet long; a concrete sluice-way section 198 feet long with a new flood-water channel returning to the river about 3,000 feet down-stream from the main dam; and a steel log-chute 700 feet in length. The switching

structure is centrally located on the down-stream face of the main dam. An unloading crane with a capacity of 40 tons, situated on the edge of the cliff, lowers equipment through a hatch in the power-house roof directly to the main floor.

A general plan of the project accompanies this description.



Construction was authorized by the Commission on February 19, 1947. A contract was awarded to the Rayner Construction Company Limited on September 12, 1947, and work started in the field the following October.

#### Clearing

Brush and timber were cleared from 4,380 acres of land that would be flooded by the head-pond and from 180 acres at the station site.

#### Dewatering

A horseshoe-shaped tunnel 30 feet high and 30 feet wide, having a capacity of 24,000 cubic feet per second, was driven through the western wall of the gorge for 900 feet to pass the stream-flow around the site during construction. An up-stream rock-filled timber-crib cofferdam 65 feet high, containing 13,200 cubic yards of rock, diverted flow of the river into the tunnel.

This, with a down-stream cofferdam 28 feet high spanning the gorge above the tunnel exit, enclosed the power-house and dam site.

Water entered the tunnel through a concrete structure 56 feet wide and 50 feet high, having two portals, each 15 feet wide and 30 feet high, separated by a centre pier. When the dam had been built to its ultimate height these two portals were closed by steel gates, each over 50 tons in weight. Thus the head-pond was raised and the flow was diverted through the sluiceways and flood-water channel. After closure, a concrete plug 60 feet in length was poured in the tunnel on the projection of the base-line of the main dam.

### Main Dam

The main dam rises 239 feet above its lowest point with a maximum base width of 186 feet. It is of the non-overflow, concrete gravity-type having a batter of 1 to 24 on the up-stream face, a 20-foot top, and a down-stream face, vertical for 18 feet, then on a batter of  $8\frac{1}{2}$  to 12. Its construction required excavation of 48,500 cubic yards of rock and the placing of 170,400 cubic yards of concrete.

Vertical construction joints are generally 33 feet 4 inches and 36 feet apart with the exception of two pours, 40 feet wide, that contain the head-works. Horizontal joint intervals were generally at 50 to 55 feet. Each block was placed in one continuous pour, the largest of which contained 12,345 cubic yards of concrete. Steel water-stops 16 inches wide were placed across both horizontal and vertical construction joints, 5 feet down-stream from the base-line of the dam. Semi-circular drains,  $7\frac{1}{2}$  inches in radius, are located 3 feet down-stream from the water-stops.

Two inspection tunnels connecting with the elevator shaft, and having three exit portals, give access to the interior of the dam. Stresses, strains, and pressures existing in the dam will be measured by instruments embedded therein during construction.

Integral with the main dam and directly up-stream from the power-house, the head-works provides four passages each 12 feet wide, two for each penstock. The head-block is designed as a gravity structure and is equipped with the usual trash-racks, head-gates, and emergency gates.

### Side Dam

The side dam, extending up-stream for 1,106 feet from the point where the west end of the main dam closes the west side of the forebay, has a vertical up-stream face, a 5-foot top, and a down-stream batter of  $8\frac{1}{2}$  to 12 which intersects the vertical face 3 feet below the top of the dam. Having a maximum height and base width of 45 and 35 feet respectively, the side dam required 8,200 cubic yards of excavation and contains 8,700 cubic yards of concrete.

### Power-House and Penstocks

The penstocks are 242 feet long and have an inside diameter of 12 feet. They are made of steel plates tapering from  $\frac{1}{2}$  to  $\frac{11}{16}$  inch in thickness and are encased in reinforced concrete envelopes 18 inches thick. A reinforced-



concrete slab, 12 inches thick, spans the space between the two penstock envelopes and forms with them and the face of the dam a service tunnel for cables, etc. from the power-house to the switching structure.

Spanning the gorge at the toe of the main dam with a length of 144 feet, the power-house has a reinforced-concrete substructure 112 feet wide with a structural-steel frame, reinforced-concrete superstructure. Two 29,000 horsepower, Francis-type, single-runner, vertical-shaft turbines were manufactured by Canadian Allis-Chalmers. They are actuated by Woodward governors. They operate under a net head of 210 feet and require 1,400 cubic feet per second under full load. The units are spaced 40 feet between centres and each is directly connected to a 23,500-kva, 13,800-volt, 211.8 rpm., 3-phase, 60-cycle, vertical-shaft generator manufactured by the Canadian Westinghouse Company.

The power-house is equipped with a 100-ton travelling crane having a 25-ton auxiliary hoist. An erection bay is provided at the east end of the generator-floor.

Air-conditioned control-rooms, a battery-room, a communications-room, a workshop, a lunch-room, and locker- and wash-rooms are all located on the generator-floor level.

The transformer bank is located, at generator-floor level, on the deck at the down-stream side of the power-house. The four main transformers (one of which is a stand-by) are forced-oil, water-cooled, 15,500-kva, single-phase, 60-cycle, and transform from 13,800 volts to 138,000 volts. They may be moved into the generator-room by transfer truck. The one oil circuit-breaker, located on the switching-deck, is rated at 138 kv, 800 amperes, and is of the type having three poles in a single tank.

#### **Tail-Race**

To regain approximately 30 feet of the natural fall in the gorge from the down-stream side of the power-house to the more or less tranquil reach of the river about 3,000 feet down-stream, a tail-race channel was excavated with a designed width of 40 feet and a length of 1,650 feet. The work was done after the closure had been made in the diversion tunnel and the flow of the river had been transferred to the flood-water channel. Below the hard layer of cemented boulders that paved the natural channel, the material excavated was largely sand and gravel with a small amount of rock at certain points where the walls of the gorge projected into the line of the new channel.

#### **Log-Driving Facilities**

The head-pond has a controlled storage of 70,000 acre-feet with a draw-down of 15 feet and, at maximum level, creates slack water up-stream for a distance of 12 miles. Forestry operations of great volume in the area drained by the river necessitate provision for the passage of great quantities of sawlogs and pulpwood in the driving season. Log-booms having a total

length of 2,000 feet are provided to guide logs to the log-chute portal during the drive and to protect the head-works. Successful passage of the drives at the development posed a problem of great difficulty because of the variation in head-water level, the high head, the almost vertical walls of the gorge, and the confined width of the tail-race channel into which the logs had to be discharged.

To assist in the design of a satisfactory log-chute, a model on a scale of 1 to 24 was built in the Hydraulic Laboratory of the University of Toronto. A V-type steel log-chute, 6 feet high and 7 feet deep, was designed on the basis of the results of the tests on the model. It has a length of 726 feet with a head-block, 36 feet long, and a tail-block, 90 feet long, both of concrete.

The entrance is equipped with a steel Taintor-type gate to control and conserve water at all stages of level in the head-pond. For a great part of its length the chute has a fall of  $67\frac{1}{2}$  feet for 100 feet horizontally and the logs attain a velocity of approximately 100 feet per second at the exit from the chute. During the timber-drive in the summer of 1950, the chute functioned very satisfactorily.

### TRANSFORMER STATIONS AND TRANSMISSION LINES

During 1950 there was much activity on work instructions carried over from 1949 and new jobs allocated within the fiscal year. About 400 work orders for station construction were brought to the final stages where the equipment could be placed in service. The net increase in transmission lines throughout the systems (excluding rural lines) amounted to 1,407 route miles.

Details of the main projects constructed or under construction during 1950 follow. Brief details of less important projects are given in Appendix IV which also contains the following tabulations.

1. Changes in transformer capacity during the fiscal year ended December 31, 1950.
2. Total transformer step-down capacity at December 31, 1950.
3. Transmission line changes and additions made during the fiscal year ended December 31, 1950.
4. A section relating to communications—telephone, power-line carrier, telemetering circuits, and radio facilities.

### SOUTHERN ONTARIO SYSTEM

#### Facilities to Receive Power from Des Joachims and Otto Holden Generating Stations

Construction of the 1,250 circuit miles of 230-kv lines required to transmit Des Joachims and Otto Holden Generating Stations power to southern

Ontario was continued. Of the above mileage, 866 circuit miles were made alive in 1950. Included were the lines from Des Joachims to Richview, Richview to A. W. Manby Transformer Station and Service Centre, Richview to Burlington, Burlington to Mount Hope, Otto Holden Generating Station to Des Joachims, and Des Joachims to E. V. Buchanan Transformer Station via Minden.

Construction work is in progress at Essa Transformer Station which is located on the 230-kv line from Des Joachims to E. V. Buchanan Transformer Station. This station is scheduled for service in July 1951 when it will commence delivery of Des Joachims power to the Georgian Bay Division at 115 kv. Minden Switching Station, which is required for interswitching the 230-kv circuits from Des Joachims to southern Ontario, was first placed in service in July 1950.

In May 1950, a 115-kv, double-circuit, 60-cycle line was made alive between A. W. Manby Transformer Station and Service Centre and Scarborough Frequency-Changer and Transformer Station. This line provides a tie between the Eastern Ontario Division and the Des Joachims lines.

#### **E. V. Buchanan Transformer Station**

The third 25,000-kva frequency-changer unit, with its associated transformers and equipment, was placed in service in October 1950. Progress was made on the provision of facilities to receive 230-kv, 60-cycle power from Des Joachims and Otto Holden Generating Stations. The first 90,000-kva, 60-cycle autotransformer and associated switching equipment to receive 230-kv, 60-cycle power from Burlington Transformer Station, and also from Des Joachims over the direct line from Minden, was placed in service in August 1950 and the associated synchronous condenser in September 1950. The second 90,000-kva autotransformer went into service in October 1950 and the second condenser in December 1950. Work is continuing on additional 230-kv and 115-kv line switching equipment. This will go into service during 1951.

#### **A. W. Manby Transformer Station and Service Centre**

In July 1950 230-kv, 60-cycle power was first delivered to A. W. Manby Transformer Station and Service Centre from Des Joachims Generating Station. Two 90,000-kva, 230/121/13.2-kv autotransformers and the two 48,000-kva synchronous condensers mentioned in the 1949 Report were placed in service on July 4, 1950. The remaining facilities required to take delivery of Des Joachims power were expected to be placed in service in 1951.

#### **Burlington Transformer Station**

At Burlington Transformer Station, 230-kv switching equipment was placed in service in August 1950. This equipment permitted the supply of 230-kv, 60-cycle power to E. V. Buchanan Transformer Station when power was received direct from Des Joachims and tied in with A. W. Manby Trans-



former Station and Service Centre. Also, 115-kv, 25-cycle switching equipment for power supply to Allanburg Transformer Station was placed in service on the same date. Work was progressing on the installation of two 90,000-kva, 3-phase, 60-cycle, 230/121/13.2-kv autotransformers and one 48,000-kva, 60-cycle condenser. These were expected to be placed in service during the first half of 1951.

### **Facilities to Receive Power from Chenaux Generating Station**

In November 1950, Chenaux Generating Station commenced delivery of 230-kv power to Ross L. Dobbin Transformer Station where the power is stepped down to supply the 115-kv system.

The facilities placed in service in November included 28 miles of 230-kv line from Chenaux to a point on the Barrett Chute-Oshawa line near Mountain Chute, and Ross L. Dobbin Transformer Station comprising one 70,000-kva, 230/115/13.2-kv autotransformer. A second similar autotransformer was authorized for installation in 1951.

Two 25,000-kva, 115/26.4-kv, 60-cycle transformers were installed at Scarborough Frequency-Changer and Transformer Station to supply 60-cycle power to adjacent areas. These replace two 15,000/27,000-kva transformers temporarily installed. The construction of facilities to receive Chenaux power at 115 kv at this station was proceeding and was scheduled for service in January 1951.

### **New 115-kv Stations and Lines**

Six new 115-kv transformer stations were completed and three were under construction in 1950. In addition, about 120 miles of 115-kv lines were placed in service in 1950. Details of these stations and lines are given in Appendix IV.

### **Facilities to Receive Power from Fuel-Electric Generating Stations**

#### **Temporary Generating Stations**

All the facilities mentioned in the 1949 Report under this heading were placed in service in 1950.

These comprised line and station facilities to connect to the system the emergency fuel-electric generating stations at Scarborough, Hamilton, Thorold, and Chatham.

#### **Richard L. Hearn Generating Station Lines**

Work is proceeding on the installation of additional 115-kv switching equipment at Toronto-Esplanade Transformer Station and Toronto-Strachan Transformer Station, and the construction of approximately 1 mile of 4-circuit, 115-kv steel-tower line and approximately 1 mile of 115-kv underground cable.

### **J. Clark Keith Generating Station Lines**

Work was started on a 230-kv, double-circuit, steel-tower line, 118 miles long, from E. V. Buchanan Transformer Station to J. Clark Keith Generating Station. The transmission line when completed in 1951 will be operated initially at 115 kv over a single circuit.

## **THUNDER BAY SYSTEM**

### **Pine Portage-Fort William Lines and Stations**

The 115-kv line from Pine Portage Generating Station via Alexander Generating Station to Port Arthur was placed in service in July 1950. The line was extended to Fort William in October 1950. Associated with this line is the 115-kv terminal switching equipment at Fort William Transformer Station. The installation of equipment at Port Arthur Transformer Station is in progress and scheduled for completion by June 1951.

## **NORTHERN ONTARIO PROPERTIES**

### **Facilities to Receive Power from George W. Rayner Generating Station**

The 115-kv transmission line from George W. Rayner Generating Station to R. H. Martindale Transformer Station referred to in the 1949 Report was completed and placed in operation in July 1950.

### **Interconnection with Southern Ontario System**

A 115-kv line from Otto Holden Generating Station to Crystal Falls Generating Station via North Bay was placed in service in October 1950. This, via the existing 115-kv line from Crystal Falls Generating Station to R. H. Martindale Transformer Station, provides the first channel of interchange between the Southern Ontario System and the Northeastern Region of the Northern Ontario Properties.

A new 16,000-kva, 115/22-kv transformer station at North Bay was also placed in service in October 1950. This station supplies power from the 115-kv system to the local 22-kv system of the Nipissing District.

### **Interconnection with Thunder Bay System**

A 115-kv line between Moose Lake and Dryden, a distance of 105 miles, is under construction. Also under construction is a 115/44-kv transformer station at Dryden which will have a capacity of 16,000 kva. At Moose Lake, additional 115-kv switching is being installed to connect the line to the Moose Lake Transformer Station. This project, when completed in April 1951, will establish a connection between the Thunder Bay System and the Patricia District of the Northern Ontario Properties.

## CONSTRUCTION OF LINES IN RURAL OPERATING AREAS

In Section IV of the Report will be found two tables, the first entitled "Summary of Rural Line Construction" and the other "Miles of Line, Number of Customers—December 31, 1950."

These tables show a total net increase during the fiscal year of 2,733 miles of new primary line. In addition, 690 miles were authorized and under construction.

## RENAMING OF COMMISSION STATIONS

The Commission renamed a number of generating stations and transformer stations after men who, through their association with and services to Provincial and Municipal Hydro affairs, have contributed to the success of the enterprise.

Sir Adam Beck-Niagara Generating Station No. 1, formerly known as Queenston-Chippawa

Sir Adam Beck-Niagara Generating Station No. 2

E. V. Buchanan Transformer Station, Westminster

Ross L. Dobbin Transformer Station, Peterborough

Richard L. Hearn Generating Station, Toronto

Otto Holden Generating Station, La Cave

J. Clark Keith Generating Station, Windsor

A. W. Manby Transformer Station and Service Centre, Islington, formerly known as Kipling Transformer Station and Islington Service Centre

R. H. Martindale Transformer Station, Sudbury

George W. Rayner Generating Station, formerly known as Tunnel



## SECTION VI

### RESEARCH AND TESTING ACTIVITIES

THE Commission regards research and testing as essential services and their scope is being steadily extended. Testing for acceptance of newly installed equipment and for control of the quality of materials purchased ensures the optimum performance of new generation, transmission, and distribution facilities, and the adequacy of maintenance and safety measures. A well-organized technical information service is maintained both for the Commission and, through the regional offices, for the municipalities. The primary objective of all these activities is to supply the Commission's customers with an adequate, continuous supply of electric power at minimum cost.

The Commission's research facilities were used extensively in 1950 in tests related to current construction and to new power equipment coming into service. In addition, however, steady progress was made in numerous research undertakings and in the improvement and application of such recent Commission developments as the linascope, the bolometer, the temperature-rise simulator, and the soniscope. Facilities for both testing and research were further extended by design and construction of numerous items of equipment and by purchase of commercial equipment when suitable.

Co-operative research programs were continued with other organizations having similar interests. Included were problems of deterioration of transformer insulating oil and of the solid insulation of generator coils, study of methods of testing insulating varnishes in order to prepare specifications, the obtaining of performance records of an experimental domestic heat-pump installation, and investigation of applications of electricity in agriculture for such purposes as soil-heating and crop-drying.

Towards the end of the year the transfer was completed of the work and staff of the Approvals Laboratory to the jurisdiction of the Canadian Standards Association. Consequently the safety testing of electrical equipment and appliances formerly conducted by the Commission on behalf of the Canadian Standards Association has now become entirely the responsibility of the latter organization.

Brief summaries of some of the varied projects pursued will serve to indicate the scope and general character of the Commission's recent research

and testing activities. Direction has been given to these activities by research project panels made up of engineers and technical men with specialized knowledge and experience.

#### **Utilization of Electricity**

Extensive laboratory and field tests indicated the superiority of a new thermostat for domestic water-heaters and its use to replace the present thermostat in future Hydro installations was recommended. The problem of increasing the storage capacity of domestic water-heaters to permit charging during night-time periods only was studied.

Experimental low-voltage wire-mesh soil-heating grids designed by the Commission were prepared for installation in three commercial green-houses and at Ontario Agricultural College, in co-operative tests with the College.

Field tests of an experimental hay-drier were conducted. The possibility of using the heat-pump principle for crop-drying was considered but rejected on economic grounds.

Detailed operating records were obtained throughout the 1949-50 heating season for the experimental domestic heat-pump installed co-operatively with the University of Toronto. Some modifications were subsequently made and the studies are being continued.

#### **Illumination**

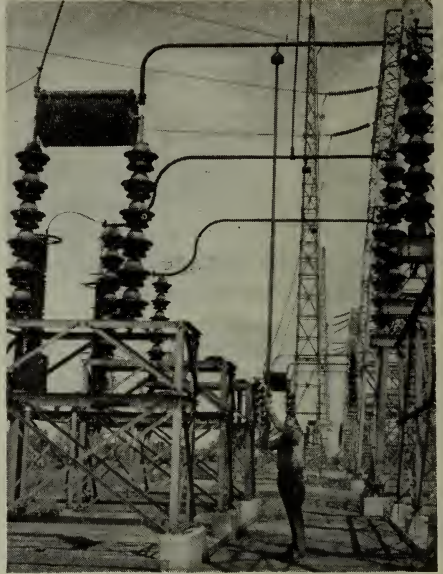
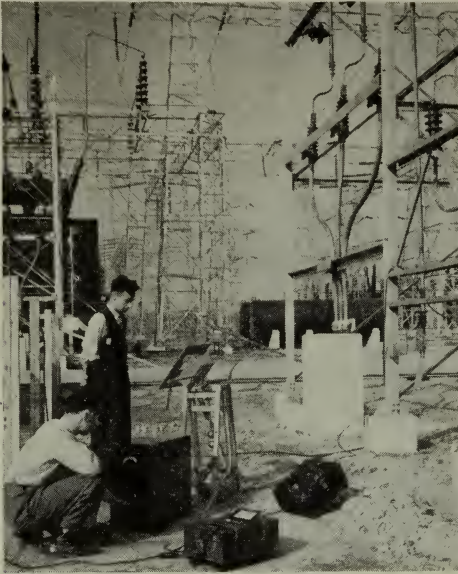
Several materials used for luminous and louverall ceilings were tested extensively for effectiveness. Flicker in lighting, caused by sudden connection of large loads, was studied. Two meters for recording the intensity of daylight illumination were made and used to study the relation between electric load and the weather.

#### **Lightning Protection and Surge Phenomena**

Further investigations were made to ensure protection of equipment from both lightning and switching surges. Surge transfer through distribution transformers was studied under various load conditions. Numerous flashover tests were conducted on watt-hour meters and service-entrance breakers. Data were collected on 110-kv lightning-arrester operations at 36 southern Ontario locations, using magnetic-link surge-current recorders. The effectiveness of isolating transformers to protect generators from line surges was evaluated from klydonograph records. An initial study was made of the causes of excessive distribution-fuse blowing.

#### **Communications and Relaying**

The influence of the Commission's power circuits on nearby communication facilities was under constant review. The effects of power-line noise and shielding on television reception were studied, and special equipment and techniques for investigating complaints were developed and used. Work on radio interference, with emphasis on sources of corona noise, was continued in both laboratory and field.



Left: Acceptance test of electrical insulation being made on a new cable  
Right: Klydonograph being installed on equipment at a 230-kv transformer station to record lightning surges

Problems of inductive co-ordination, especially involving telegraph, telephone, and carrier-operated control-circuits, were investigated co-operatively, and some conditions were mitigated by the installation of suitable harmonic filters. A detailed study was begun, with encouraging results, of the stability of voltage and phase indication provided by high-potential couplers, to determine whether they can be used for purposes of synchronizing and relaying.

### Grounding

Specifications were revised and recommendations made for grounding of air-switches to protect operators adequately against flashover hazards. The Division designed simple ground-detectors for use on 575- and 2300-volt ungrounded distribution systems. Other activities included inspection of temporary grounds associated with new construction, recommendations for permanent station grounding arrangements based on soil resistivity and trial rod measurements, and checking of ground resistances when stations came into service.

Studies were made of the electric current lethal to livestock, to assess the hazards in barns having exposed metallic equipment. Suitable apparatus was assembled, and was used in co-operation with the Ontario Veterinary College to perform controlled electrocution of animals. From the tests it was concluded that faults on properly-fused secondary equipment grounded in accordance with the Commission's present regulations should not produce lethal voltages. The hazard due to all types of faults is, in the light of existing data, a minimum under the present regulations.



### **Safety**

Some of the specific projects undertaken during 1950 were investigation of the adequacy of standing instructions for the handling of wood poles near live circuits; the design and recommendation for use of low-voltage (12-volt) extension lamps in turbine-wheel pits, transformer and oil circuit-breaker tanks, and so forth; and the testing of live-line tools under adverse weather conditions to determine more closely the hazards involved and the amount of maintenance required to ensure safety.

### **Investigations for Frequency Standardization**

Investigation was continued of methods of conversion to 60-cycle service of selected items of customers' 25-cycle electric equipment. Included were oil-burners, sump-pump motors, various electrical appliances, and certain types of frequency-sensitive controls.

Radiation of X-ray machines before and after frequency change was determined. Tests were made of 25-cycle distribution transformers to assess their suitability for 60-cycle service. The operating characteristics of small motors of both single and dual frequency were determined and the performance of small frequency changers was tested.

### **Fault Location and System-Disturbance Recording**

The use of portable linascopes to locate faults in open-wire transmission and communication circuits was extended. New circuits were checked for proper phasing and the absence of construction grounds. Refinements were made both to the portable units and to the automatic linascope installed at Leaside Transformer Station and operating techniques were improved.

Assembly and testing were begun of a number of 6-element mechanical oscillographs to record system disturbances automatically. An improved electronic undervoltage starting-relay was developed for this application. A method was devised by which the Power Supervisor can determine the load-angle between a generator and frequency changer 200 miles apart. The aim is to permit operation of the power network close to the limit of its stability when required.

### **Conductor Joints and Connections**

Research and testing of joints and connectors were continued to ensure that the life of transmission lines would not be shortened by premature failure of these components. New types of joints developed and tested included compression dead-ends and compression joints for the less common sizes and stranding of conductors. Work progressed on fundamental tests of dissimilar metal contacts using different cleaning procedures. Tests on faulty joints established the theory that the high resistance of a compression joint is usually due to relatively high resistance of a few of the strands.

In continuation of previous work, the joints in certain of the Commission's 110-kv and 220-kv circuits were checked for over-heating by means of the bolometer developed by the Commission. Construction of a more efficient bolometer, weighing only half as much as the original instrument, was begun.

### **Testing Electrical Insulants**

Various commercial materials—such as friction tapes, varnished cambric tapes, and substitutes for asbestos paper—were tested and compared as to their suitability as solid electrical insulants for particular applications and their conformance with standard specifications. The testing of between-turns insulation of transformer coils was improved by the construction of an instrument suitable for measuring the voltage between adjacent turns without appreciably disturbing the voltage distribution. Several specimens of plastic (polyethylene) -sheathed conductors were tested for performance and properties under various conditions.

Methods of testing electrical insulating varnishes and oils were investigated. Many brands of insulating varnishes were tested and the interaction of hot insulating oils and varnishes was studied. The effectiveness of a commercial compound for inhibiting oxidation of both new and reconditioned insulating oils was investigated. An extensive program of tests on equipment and filter materials for reconditioning used oils was partially completed.

### **Electric Power Equipment**

On some of the Commission's frequency changers, operating tests were made of field-forcing equipment intended to increase their power-carrying capacity during brief periods of incipient instability. The measurement of the thermal resistivity of soil along the routes of proposed underground power cables was facilitated by new apparatus designed and built by the Commission.

### **Electrical Measurements and Measuring Instruments**

Development work in electrical measurement involved mainly new measuring techniques as applied to calibration and standardization, and to physical measurements employing electrical methods. Related activities were design and construction of special equipment required for investigation work such as, for example, the present program of testing insulating oils.

### **Testing Apparatus Insulation**

Studies of apparatus insulation were focussed on the development of non-destructive testing methods and techniques for determining the extent of deterioration of generator insulation. The problem is important because the original insulation of some of the Commission's oldest generators is believed to be nearing the end of its useful life. A program was arranged in collaboration with other electrical utilities concerned with similar problems. The Commission's equipment and techniques for non-destructive testing were improved and important data were obtained from both old and new generators.

An improved compact model of the Commission's unbalanced-bridge power-factor test set was built and functioned satisfactorily. Accuracy of determination of the condition of the electrical insulation of other power apparatus increased with experience.

### **Characteristics and Tests of Masonry Materials**

Laboratory tests of fly-ash concrete were carried to concluding stages, and a field trial provided pertinent data on the handling, placing, heat of

hydration, and strength development characteristics of this concrete when mass-cured.

Numerous laboratory tests were performed in comparative evaluations of five Canadian cements, of various stearate admixtures to increase the water-repellency of mortars, of workability agents for mortars, and of available form coatings and parting fluids.

#### **Masonry Materials Testing: Methods and Equipment**

Facilities were installed in the laboratory which will enable petrographic investigations to be made in examining and classifying foundation rock, concrete and concrete aggregate, pozzolans, cements, and other inorganic materials. A more complete knowledge of mineral composition, texture, crystal structure, and behaviour of these materials under given conditions will thus be obtainable.

Significant progress was made in the development, improvement, and efficient use of equipment for evaluating consistency, rate of stiffening, and air permeability of concrete. Also, research on capping materials for concrete test-cylinders resulted in the compounding of a superior sulphur mixture which greatly facilitates routine compressive-strength testing.

#### **Masonry Construction**

The possibility of increased use of light-weight concrete in Commission structures prompted a general investigation of these materials, including a survey of the literature and supplementary laboratory tests. In addition, comprehensive reports were prepared on tests of Ontario brick and on lathing and plastering practices.

#### **Durability and Repair of Masonry Construction**

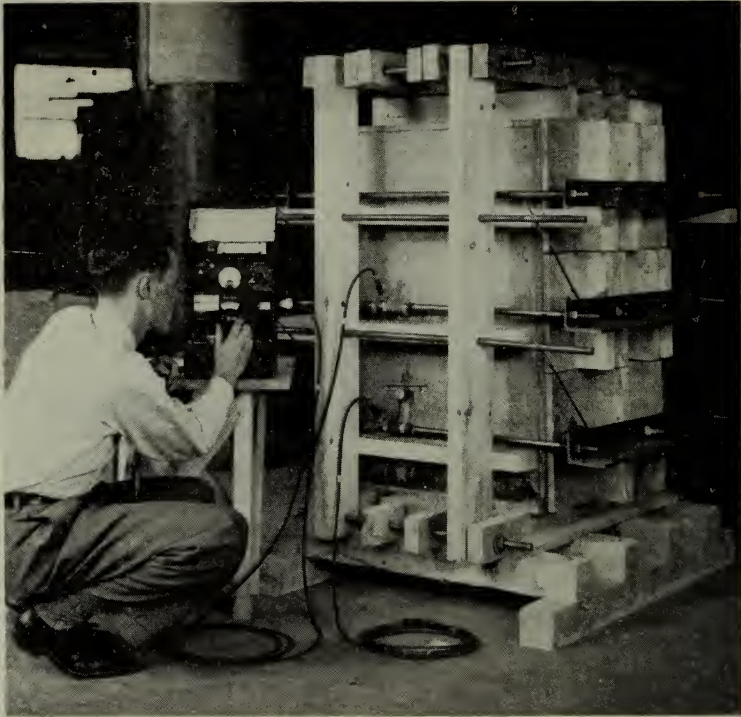
With more extended use of the sonoscope developed and steadily improved by the Commission, this instrument has gained recognition as an outstanding tool for studies of concrete. Surveys of concrete structures served to demarcate deterioration resulting from long service, and in one instance from fire, and were useful in providing guidance for repairs.



**LOADING TESTS OF PRESTRESSED-CONCRETE FLOOR SLAB**

This 80-foot span is being tested to failure under conditions simulating actual service. It sustained more than  $3\frac{1}{2}$  times design load





**LABORATORY MEASUREMENT OF CONCRETE FORM  
PRESSURE**

Information obtained under controlled conditions is applied to  
design of forms for mass concrete construction

Other work included the compilation of information on freezing and thawing cycles and temperature gradients experienced by concrete in service, and an investigation of the effect on concrete of sulphate-polluted ground-water which may occur in the vicinity of a coal-storage area.

**Concrete Reinforcement**

Various instruments were designed and constructed for measuring accurately the load carried by reinforcing bars with a view to improving reinforcement design. The basic measuring techniques under study are based on the bonded elastic wire strain gauge, the unbonded gauge, the differential transformer, and magnetostriction.

**Thermal and Elastic Behaviour of Concrete**

Sonoscope readings were taken on certain dams, where cracks have appeared, in order to follow any changes in their extent. Studies of alignment and dimensional stability of the Commission's dams and power-houses were limited mainly to instrumentation improvement.

**Inspection and Control of Concrete**

Inspection and control of the preparation, placing, and curing of more than half a million cubic yards of concrete were required during 1950. Most

of this concrete was used for the completion of the George W. Rayner and Pine Portage developments and the near completion of the Des Joachims and Chenaux developments. Considerable work was also done in acceptance inspection of precast masonry units such as pipe, drain tile, roof and wall slabs, blocks, bricks, cut stone, travertine, and an experimental floor slab. Other activities included the location and selection of suitable aggregates for various projects, and the preparation of specifications and proportions for special concreting. In addition, field studies were conducted to procure data on concrete to confirm and supplement laboratory investigations of such problems as the effect of freezing and thawing cycles and the changes in compressive strength over long periods of time.

### **Grouting**

The methods and materials used throughout the Commission for grouting rock foundations and other porous media were investigated extensively in the laboratory. Test procedures were developed, standardized, and then used in comparative tests of various grouting mixes to determine performance characteristics such as consistency, bleeding, volume change, setting time, segregation, and compressive strength.

### **Metallurgical Investigations**

This work included analysis of the cause of embrittlement of galvanized steel heater-bands at high temperatures and recommendations of preventive measures, examination of samples of superheater tubes and stud bolts from boilers at a steam generating station to detect any change in microstructure due to heating, and inspection of specimens from several turbine and generator-shaft forgings to assess cleanliness and grain refinement.

### **Noise and Vibration**

The program of collecting data on the noise level at various locations throughout the Commission was continued and model tests produced information which enabled a reduction of vibration to be made in certain specific cases. Some assistance also was provided to outside organizations in studying vibration problems and in calibrating instruments.

### **Corrosion of Metals**

In the continuing long-term investigation of corrosion in the Hydro automatic storage water-heater tanks, two new field-test installations were completed, one at London supplied with hard well-water, the other at Chats Falls using the soft water of the Ottawa River. These installations consist of five tanks: one anodized aluminum, one glass-lined steel, and three galvanized steel. Two of the galvanized tanks are cathodically protected and the other, for comparison purposes, has no special features.

### **Soil Mechanics**

Activity was continued in the study of foundation problems, and included investigations of the site for a new engineering building; the route for the tunnel and open cut at Queenston; and various sites for transformer stations, frequency standardization buildings, and tower lines. Data pertaining to

the bearing capacity and stability of the soils, based on extensive laboratory and field tests, were furnished to the design engineers.

#### **Welding**

Methods of evaluating the cavitation resistance of weldments used in the repair of hydraulic turbine runners were reviewed. Construction of equipment for accelerated cavitation tests in the laboratory was begun. An important activity was the compilation of information on welding procedures to be followed in the fabrication or repair of such items as penstocks and structural members. New facilities obtained which are applicable to welding studies included a magnaflux unit, an ultrasonic flaw detector, and three capsules of radioactive Cobalt 60 for gamma radiography.

#### **Vibration and Galloping of Transmission Lines**

The continuing investigation of galloping emphasized the design and fabrication of instruments to measure components of movement in test lines. Aeolian vibration studies were limited mainly to examination of torsion dampers from the field to determine deterioration after several years' service; further investigation of conducting-rubber damper-washers as a means of reducing the voltage between the dumb-bell and the arm; and a preliminary study of damper requirements on spans between 1,200 and 2,000 feet in length.

#### **Stress Measurement and Analysis**

Much of the activity in stress studies was directed towards equipment design and improvement. The stability of resistance-wire strain gauges was investigated and auxiliary equipment designed for their more efficient use. The studies of ice pressure on dams and of concrete pressure on forms were continued.

#### **Line Materials**

Testing programs were carried out on many items of line hardware to determine their mechanical performance under varying load conditions simulating field service.

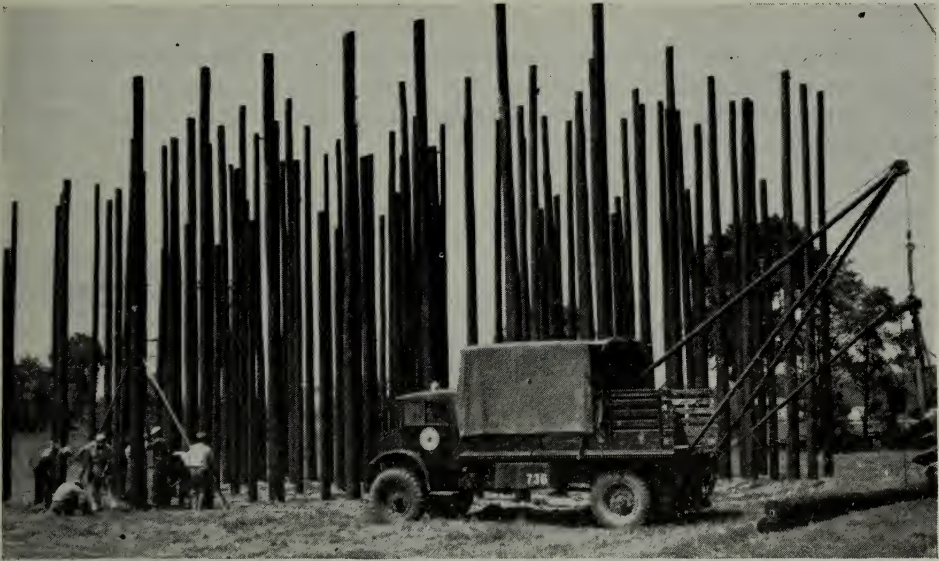
#### **Miscellaneous Structural Testing**

An important project was related to the proposed prestressed-concrete floor system for a new building at A. W. Manby Service Centre. The investigation covered choice of a suitable steel strand, development of a means of tensioning and anchoring the steel, and finally loading of a full-scale 80-foot test-span to check the design. Other testing pertained to Bailey-bridge components for various new applications, a monorail carrier and bridge-crane system, galvanized woven wire fencing, and cold-formed metal-box studs.

#### **Wood Preservation**

The evaluation of various treatments for wood-pole preservation by means of test-plots was continued. Efforts to control creosote bleeding from pressure-treated pine poles included investigation of the effect on





Experimentally-treated poles being erected for field observation of the exudation of chemical preservatives

bleeding of such factors as the treating cycle used, surface temperatures, and degree of saturation of treated portions of the wood. Experimental work was carried out in the investigation of copper borate as a wood preservative. Its toxicity, water solubility, solution stability, and treating characteristics were studied and largely determined.

#### Brush Control and Soil Sterilization

The program of evaluation of chemical herbicides and soil sterilants was continued. Included were such projects as right-of-way growth-control test-plots, dormant-season basal-spraying studies, and experimental stump-resprouting control.

#### Thermal Insulation

An extensive program of comparative evaluation of both commercial mineral wool and reflective insulation products was completed to ensure the best selection for the Commission's construction purposes.

#### Insect Control

The results in northern regions of stream treatment with DDT to control the black fly at the larval stage were sufficiently encouraging in 1949 to warrant the extension of the program in 1950 to include other areas. Improved techniques were used. Field manuals were prepared to enable those in the infested areas to apply control measures with a minimum of supervision.

### Plastics

Specifications for the construction and testing of various thermoplastic-insulated and sheathed conductors for control circuits working up to 600 volts were prepared and a useful manual on the handling of such conductors was produced.

### Protective Coatings

Comparative tests were made of a wide variety of protective coatings having potential utility for the Commission. Included were standard house paints, fire-retarding paints, and underwater paints.

### Evaluation of Data

Statistical methods were used in the design of experiments and in the analysis of data in connection with such work as cement acceptance-sampling, brush control, and evaluation of the initial efficiency of lamps.



Left: Close-ups of "needle" apparatus connections, measuring instruments, and the complete equipment. The apparatus is used to measure thermal conductivity of soil in connection with underground high-voltage cables and heat-pump operation.

Right: The relative durability of different brands of building bricks is tested by their resistance to cycles of freezing and thawing

## SECTION VII

### PERSONNEL ADMINISTRATION

THE Commission continued to pursue its aim to establish and maintain a relationship with its staff that would ensure a maximum of mutual satisfaction and co-operation. The personal aspirations of the individual employee to achieve success through suitable training and placement continued to receive full recognition. Personnel officers, first appointed in 1948, functioned during 1950 in the Engineering and Administrative Branches, each of the nine regions, the Frequency Standardization Division, the principal construction projects, and the A. W. Manby Service Centre. They contributed materially toward the achievement of the aims which the Commission has long had in view and which motivated the revision of its personnel organization reported on at length in recent issues of this Report.

#### Collective Bargaining

Collective agreements between the Commission and the Employees' Association and the Federation of Employee-Professional Engineers and Assistants continued in effect. Both of these agreements contain arbitration clauses as the final step in grievance procedure but it is significant to observe that arbitration procedure has never been invoked and the Commission has never suffered a work stoppage. During the year six union agreements were completed and others were in the process of negotiation covering various trades and several hundred workers in construction camps.

#### Staff

The total staff decreased substantially from a record figure of 22,918 in November 1949 to 20,024 in December 1950. There was also a decrease in the staff employed by contractors on work directly connected with Commission activities. These decreases were due to the fact that work on several major projects was almost finished towards the end of the year. During the fiscal year the number of regular employees increased by 1,278 and reached 10,105 in December 1950.



### Training

The Commission maintains a training centre near Toronto. During the fiscal year 532 employees took courses of various kinds. The small staff of permanent instructors and qualified tradesmen temporarily detached from the regions conducted courses for linemen and forestry workers. Courses in first-aid and safe driving were also given as part of the Commission's campaign to reduce accidents to an absolute minimum. Station operators continued studying as in the past both by correspondence and through instruction on the job. Throughout the Commission, employees in various categories were encouraged and assisted to improve their qualifications through study. The principle is becoming ever more firmly established within the Commission as in other large organizations that an effective training program depends very largely on the supervisors in stations, on construction projects, and in drafting rooms and offices assuming their full responsibility as instructors rather than shifting the responsibility to a special instruction staff.

### Education

The Commission co-operates with the Provincial Department of Education in the maintenance of eight schools located at Commission properties which are remote from settled communities. These schools provide the children of Commission employees with an education of a very high standard up to the level of grade 10. There are in all 17 classrooms staffed by 17 teachers with 405 pupils under their care.



SCHOOL-ROOM AT DES JOACHIMS

## SECTION VIII

### MUNICIPAL ELECTRICAL ACCOUNTS

#### **Accounts and Statistical Data of the Municipal Electrical Utilities Operated by Individual Municipalities and Served by The Hydro-Electric Power Commission of Ontario**

**T**HE Municipal Electrical Accounts section of this Report presents in summary, and individually, the results of the operations of the local electrical utilities in municipalities owning their own distributing systems and operating with energy supplied by or through The Hydro-Electric Power Commission of Ontario.

Financial statements prepared from the books of these electrical utilities are submitted herein to show how each has operated during the past year, and its financial status at the end of 1950. Other tables give useful statistical information respecting average costs for the various classes of service and the rates in force.

The books of account of the electrical utilities in all municipalities which have contracted with the Commission for a supply of power are kept in accordance with an accounting system designed by the Commission. During the year 1950 this standard method of accounting was installed in Bancroft, Barry's Bay, Erin, Burks Falls, Latchford, and Merrickville.

Periodical inspections are made of the books of all electrical utilities and local officials are assisted in the improvement of their office routine with a view to standardizing, as far as possible, the methods employed. In the majority of the smaller municipalities much of the book-keeping for the electrical utilities is performed by representatives of the municipal accounting department of the Commission as a measure of economy. This arrangement ensures the correct application of the standard accounting system, with resultant uniformity in classification of revenues and expenditures; secures true reflections of the actual operating results for the year; and greatly enhances the comparative values of the reports.

The first financial statement in this section presents consolidated balance sheets for the past eight years. Similar data for earlier years since 1913 were published in the Report for 1943. This consolidated statement combines



the balance sheets of all local municipal electrical utilities receiving power under cost contracts. It is worth noting that the total plant value has increased from \$10,081,469.16 in 1913 to \$156,148,063.75 in 1950, and the total assets from \$11,907,826.86 to \$301,451,648.25. The liabilities have not increased in the same proportion as the assets, rising from \$10,468,351.79 to a maximum of \$52,685,316.86 in 1932, and receding to \$22,935,192.74 in 1950. The reasons for this are the regular fulfilment of debt retirement schedules under serial debenture provisions or by maturity of sinking funds, and also the fact that much of the cost of the increasing plant value has been financed out of reserves and surplus without increasing the capital liabilities of the respective utilities. By this procedure the funds of the systems are used to best advantage. Examination of the results will also show that there is a steady decline in the percentage of net liabilities to total assets; from 88.0 per cent in 1913 to 11.6 per cent in 1950. The equities in the Commission's systems automatically acquired through the inclusion of sinking funds as part of the cost of power are not taken into account in arriving at these percentages.

The second financial statement presents consolidated operating reports for the past eight years and combines the results from all local municipal electrical utilities receiving power under cost contracts. After providing for every cost of operation and fixed charges, including the standard provision for depreciation, the combined operating reports show a net surplus of \$5,492,597.86 for 1950. (See also diagrams in Foreword to Report.)

The four statements, "A" to "D", following the two consolidated reports show the financial status of each municipal utility and the results of operations, giving classified information respecting revenue, operating costs, number of customers and consumption, cost of power to municipalities, power and lighting rates charged to customers, etc. In statements "A" and "B", the municipalities are arranged alphabetically under each system; in statement "C" all municipalities are arranged alphabetically; in statement "D" the municipalities are arranged alphabetically in four groups—cities, suburban areas, towns, and small municipalities. The population figures given in statements "A", "B", and "D" are taken from the municipal directory published by the Department of Municipal Affairs and relate to the year 1950. In previous issues of the Report the corresponding figures have been for the year prior to that reported on, for example the Report for 1949 listed 1948 population figures. The populations of police villages, formerly not available, are included in this Report for the first time.

**Statement "A"** presents the balance sheet of each electrical utility. The plant values are shown under the general subdivisions specified in the standard accounting system and the other items on the positive side of the ledger which are included in total assets are self-explanatory.

In conformity with a policy of service at cost to the customer, refunds by cash or credit are made during the year in many municipalities from surplus funds accrued to the credit of municipal services, such as street lighting, water works, sewage disposal, etc. The total thus returned to customers during the year 1950 amounted in round figures to \$205,000.



The reserves for depreciation, and the acquired equity in the Commission's systems, are listed individually and totalled; and under the heading "surplus" are included not only the operating surplus but the accumulation of sinking fund applicable to debenture debt and also the amount of debentures already retired out of revenue.

The depreciation reserve now amounts to 30.7 per cent of the total depreciable plant, while the depreciation reserve and surplus combined have already reached the sum of \$165,727,269.18, being equal to 106.1 per cent of the total plant cost.

**Statement "B"** shows the detailed operating report for each municipal electrical utility. It gives annual revenues from the various classes of customers; the items of expenditure which make up the total annual expenditure; and the sums set aside for depreciation. The population served by each local utility and the number of customers of each class are also shown.

The item "cost of power" in this statement includes the debit or credit balances ascertained by the annual adjustment of the cost of power supplied to the municipalities by the Commission.\*

Of the 321 municipal electrical utilities included in this statement, 317 received from customers revenue sufficient to meet in full all operating expenses, interest, debt retirement instalments, and standard depreciation reserve allocation and to yield an aggregate net surplus of \$5,502,611.32 for the year; three were able to defray out of revenue all such charges except a portion of the standard depreciation allocation aggregating \$9,574.16. In the case of one utility, Thornton, the revenue was less than the total operating expenses, interest, and debt retirement instalments by \$54.30.

**Statement "C"** presents the cost per kilowatt of the power provided for and delivered to the municipalities by the Commission, and the local rates to customers in force in the respective municipalities, during the year 1950 for domestic service, for commercial light service, and for power service.

**Statement "D"** presents statistics relating to the supply of electrical energy to customers in Ontario municipalities served by the Commission. It shows the revenue, kilowatt-hour consumption, number of customers, average monthly consumption, average monthly bill, and the net average cost per kilowatt-hour both for domestic and for commercial light service in each municipality. For power service this statement shows the revenue, the number of customers, and the average kilowatts supplied by the municipal utility.† For further reference to this informative statement, consult the special introduction to it on page 258.

\*In 1939 and 1940 a number of municipalities asked permission to take power cost adjustments into the following year, to facilitate the earlier closing of their books. On this account, from 1941 on, with few exceptions the balance sheet shows the previous year's equity in Commission properties; and the cost of power in the operating statement includes the previous year's adjustments.

†The statistics include retail power only. Wholesale industrial power as supplied by the Commission direct, is reported in Section II.

## Municipal Electrical Utilities

The following summarizes the year's operation of the local electrical utilities conducted by municipalities owning their own distribution systems and operating with energy supplied by or through the Commission. These include not only electrical utilities of the cost contract municipalities of the Southern Ontario and Thunder Bay Systems, but also those of certain municipalities served through the Northern Ontario Properties.

The total revenue collected by the municipal electrical utilities in 1950 was \$73,523,531.58, as compared with \$56,903,200.73 for 1949, an increase of \$16,620,330.85 or 29.2 per cent.

The items of expenditure of the municipal electrical utilities included \$46,400,040.72 for power supplied for the most part by the Commission, \$14,306,984.70 for operation, maintenance, and administration and \$497,138.36 for interest, \$980,917.96 for sinking fund and principal payments on debentures, and \$5,845,851.98 for depreciation and other reserves. Total expenses and reserve appropriations were \$68,030,933.72, an increase of \$14,324,422.47, or 26.7 per cent over 1949. The total net surplus for the year's operations was \$5,492,597.86.

### Co-operative Systems

With regard to the local electrical utilities operating under cost contracts, the following statements summarize for each of the co-operative systems administered by the Commission the financial status and the year's operations as detailed in this Section and in Section II.

The average cost per kilowatt to the municipalities of the Southern Ontario and Thunder Bay Systems during 1950 was \$32.16, as compared with \$30.19 for the previous year, an increase of \$1.97 per kilowatt. This increase in the cost of power to the municipalities and local increases in the cost of operation necessitated increases in rates to customers. During the year the Commission approved rate increases in 147 municipalities. These new rates will increase the annual revenue of the municipalities concerned by 14½ per cent but their full effect was not felt during 1950 because they did not apply to the whole year's operations.

#### SOUTHERN ONTARIO SYSTEM

The total plant assets of the Southern Ontario System utilities amount to \$149,098,835.71. The total assets aggregate \$286,602,050.34. The reserves and surplus accumulated in connection with the local utilities amount to \$162,796,472.67, an increase of \$9,304,712.98 during the year 1950. The percentage of net debt to total assets is 11.5, an increase of 4.7 per cent, which has been chiefly due to the post-war rehabilitation program.

The total revenue of the municipal electrical utilities served by this system was \$70,005,104.36, an increase of \$15,796,939.17 or 29.1 per cent, as compared with the previous year.

After meeting all expenses in respect of operation—including interest, depreciation, and other reserves—and providing for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electrical utilities served by the Southern Ontario System amounted to \$5,220,079.29 as compared with a net surplus of \$3,040,998.17 for the previous year.

#### THUNDER BAY SYSTEM

The total plant assets of the Thunder Bay System utilities amount to \$4,543,689.97. The total assets aggregate \$12,118,169.12. The reserves and surplus accumulated in connection with the local utilities amount to \$4,856,354.25, an increase of \$321,571.90 during the year 1950. The percentage of net debt to total assets is 16.2, an increase of 7.0 per cent.

The total revenue of the municipal electrical utilities served by this system was \$2,248,658.54, an increase of \$679,957.79, or 43.3 per cent, as compared with the previous year. After meeting all expenses in respect of operation—including interest, depreciation, and other reserves—and providing for the retirement of instalment and sinking fund debentures, the total net surplus for the year for the municipal electrical utilities served by the Thunder Bay System amounted to \$191,998.80 as compared with a net surplus of \$96,452.11 for the previous year.



## CONSOLIDATED

| Year.....  | 1943           | 1944           | 1945           |
|--|----------------|----------------|----------------|
| Number of municipalities included.....                       | 298            | 298            | 304            |
| <b>ASSETS</b>  | <b>\$</b>      | <b>\$</b>      | <b>\$</b>      |
| Lands and buildings.....                                     | 11,664,887.81  | 11,713,108.74  | 11,879,469.56  |
| Substation equipment.....                                    | 25,392,202.96  | 25,805,344.10  | 26,201,620.92  |
| Distribution system—overhead.....                            | 25,773,224.22  | 26,075,416.77  | 26,835,864.78  |
| Distribution system—underground.....                         | 6,451,393.47   | 6,385,742.19   | 6,539,797.63   |
| Line transformers.....                                       | 12,353,367.17  | 12,698,080.21  | 13,360,997.73  |
| Meters.....  | 11,117,612.15  | 11,339,479.64  | 11,742,720.68  |
| Street lighting equipment—regular.....                       | 2,903,704.11   | 2,926,365.70   | 3,066,246.06   |
| Street lighting equipment—ornamental.....                    | 1,542,294.82   | 1,542,819.42   | 1,551,628.63   |
| Miscellaneous construction expenses.....                     | 3,740,027.08   | 3,414,557.25   | 3,469,256.69   |
| Steam or hydraulic plant.....                                | 397,576.71     | 368,022.38     | 1,005,980.83   |
| Old plant.....   | 936,561.90     | 820,607.24     | 692,517.55     |
| Total plant.....   | 102,272,852.40 | 103,089,543.64 | 106,346,101.06 |
| Bank and cash balance.....                                   | 2,341,996.68   | 1,947,073.36   | 1,744,827.39   |
| Securities and investments.....                              | 17,037,057.29  | 21,245,620.67  | 27,530,379.33  |
| Accounts receivable.....                                     | 3,347,449.72   | 3,710,514.76   | 3,682,108.35   |
| Inventories.....   | 1,750,799.42   | 1,622,866.57   | 1,735,925.21   |
| Sinking fund on local debentures.....                        | 5,028,551.56   | 4,880,499.77   | 4,952,718.62   |
| Equity in H-E.P.C. systems.....                              | 62,031,673.13  | 69,486,548.01  | 75,002,351.38  |
| Other assets.....  | 537,366.80     | 192,661.46     | 290,022.85     |
| Frequency standardization expenditure in suspense.....       |                |                |                |
| Total assets.....  | 194,347,747.00 | 206,175,328.24 | 221,284,434.19 |
| <b>LIABILITIES</b>   |                |                |                |
| Debenture balance.....                                       | 13,657,032.51  | 11,612,359.10  | 10,612,595.02  |
| Accounts payable.....  | 2,699,630.77   | 1,701,420.70   | 2,528,081.42   |
| Bank overdraft.....  | 118,834.40     | 174,491.81     | 429,585.64     |
| Other liabilities.....                                       | 2,618,742.94   | 2,584,979.26   | 2,707,515.21   |
| Total liabilities.....                                       | 19,094,240.62  | 16,073,250.87  | 16,277,777.29  |
| <b>RESERVES</b>  |                |                |                |
| For equity in H-E.P.C. systems.....                          | 62,031,673.13  | 69,486,548.01  | 75,002,351.38  |
| For depreciation.....  | 32,138,469.64  | 34,006,953.37  | 36,331,919.08  |
| Other reserves.....  | 5,449,398.96   | 6,308,596.82   | 6,979,074.47   |
| Total reserves.....  | 99,619,541.73  | 109,802,098.20 | 118,313,344.93 |
| <b>SURPLUS</b>   |                |                |                |
| Debentures paid.....   | 43,552,091.22  | 45,475,788.84  | 47,340,018.06  |
| Local sinking fund.....                                      | 5,028,551.56   | 4,880,499.77   | 4,952,718.62   |
| Operating surplus.....                                       | 27,053,321.87  | 29,943,690.56  | 34,400,575.29  |
| Net frequency standardization expense charged this year..... |                |                |                |
| Total surplus.....   | 75,633,964.65  | 80,299,979.17  | 86,693,311.97  |
| Total liabilities, reserves and surplus.....                 | 194,347,747.00 | 206,175,328.24 | 221,284,434.19 |
| Percentage of net debt to total assets..                     | 10.0           | 7.4            | 7.0            |

## BALANCE SHEETS

| 1946           | 1947           | 1948           | 1949           | 1950           |
|----------------|----------------|----------------|----------------|----------------|
| 304            | 304            | 308            | 315            | 321            |
| \$             | \$             | \$             | \$             | \$             |
| 11,830,325.45  | 12,220,747.92  | 12,981,533.46  | 13,759,701.81  | 16,659,377.57  |
| 26,778,943.63  | 28,430,102.81  | 29,626,621.36  | 32,405,939.81  | 36,684,736.84  |
| 27,810,938.64  | 29,230,801.09  | 31,541,077.08  | 34,325,936.81  | 39,435,443.26  |
| 6,848,694.50   | 7,400,874.88   | 8,040,205.01   | 8,663,874.53   | 9,880,526.08   |
| 14,247,872.95  | 15,698,549.76  | 17,593,431.84  | 19,267,220.87  | 22,639,038.94  |
| 12,325,105.86  | 13,112,187.77  | 13,948,013.24  | 15,050,359.45  | 16,857,378.24  |
| 3,268,433.46   | 3,827,634.40   | 4,486,158.98   | 4,847,993.56   | 5,271,825.19   |
| 1,555,698.39   | 1,536,957.94   | 1,558,798.17   | 1,564,378.72   | .....          |
| 3,802,802.98   | 4,242,837.80   | 4,290,247.58   | 4,608,566.91   | 5,234,089.19   |
| 1,080,730.83   | 1,080,976.81   | 1,457,291.81   | 1,478,544.77   | 3,322,767.89   |
| 658,421.95     | 587,479.45     | 573,313.04     | 773,261.68     | 162,880.55     |
| 110,207,968.64 | 117,369,150.63 | 126,096,691.57 | 136,745,778.92 | 156,148,063.75 |
| 3,584,075.84   | 2,759,333.88   | 3,480,104.26   | 2,654,186.08   | 2,807,734.27   |
| 27,152,189.81  | 27,721,988.41  | 26,691,542.33  | 24,109,961.67  | 19,706,944.56  |
| 4,133,184.23   | 4,381,276.48   | 3,987,098.82   | 4,878,682.68   | 6,922,076.43   |
| 2,193,231.80   | 3,140,379.57   | 3,814,953.93   | 4,229,137.22   | 5,114,209.37   |
| 4,609,214.16   | 4,387,586.13   | 1,795,295.61   | 569,497.99     | 592,491.22     |
| 80,670,336.85  | 86,574,096.81  | 92,889,067.86  | 100,051,662.98 | 108,475,000.19 |
| 326,083.52     | 543,728.14     | 541,982.60     | 1,089,348.62   | 917,535.55     |
| .....          | .....          | .....          | 155,744.87     | 767,592.91     |
| 232,876,284.85 | 246,877,540.05 | 259,296,736.98 | 274,484,001.03 | 301,451,648.25 |
| 9,049,583.60   | 7,947,290.14   | 5,297,137.36   | 4,545,744.63   | 14,069,133.05  |
| 2,267,268.71   | 3,028,306.12   | 3,813,817.24   | 5,666,357.71   | 5,906,614.43   |
| 355,417.71     | 613,465.91     | 839,973.70     | 943,682.84     | 1,470,416.79   |
| 2,636,251.52   | 2,642,971.05   | 2,841,344.30   | 2,984,132.94   | 1,489,028.47   |
| 14,308,521.54  | 14,232,033.22  | 12,792,272.60  | 14,139,918.12  | 22,935,192.74  |
| 80,670,336.85  | 86,574,096.81  | 92,889,067.86  | 100,051,662.98 | 108,475,000.19 |
| 38,253,203.71  | 40,146,511.52  | 41,962,273.09  | 43,893,598.38  | 46,310,558.56  |
| 7,356,359.46   | 5,788,442.87   | 4,545,757.39   | 4,673,978.72   | 4,314,186.14   |
| 126,279,900.02 | 132,509,051.20 | 139,397,098.34 | 148,619,240.08 | 159,099,744.89 |
| 48,935,858.04  | 50,208,313.28  | 53,457,629.91  | 55,525,205.90  | 56,534,877.64  |
| 4,609,214.16   | 4,387,586.13   | 1,795,295.61   | 569,497.99     | 592,491.22     |
| 38,742,791.09  | 45,540,556.22  | 51,854,440.52  | 55,638,367.30  | 62,522,124.72  |
| .....          | .....          | .....          | 8,228.36       | 232,782.96     |
| 92,287,863.29  | 100,136,455.63 | 107,107,366.04 | 111,724,842.83 | 119,416,710.62 |
| 232,876,284.85 | 246,877,540.05 | 259,296,736.98 | 274,484,001.03 | 301,451,648.25 |
| 5.6            | 5.4            | 5.2            | 7.0            | 11.6           |

## CONSOLIDATED

| YEAR.....  | 1943          | 1944          | 1945          |
|--|---------------|---------------|---------------|
| Number of municipalities included.....                 | 298           | 298           | 304           |
| <b>EARNINGS</b>  | \$            | \$            | \$            |
| Domestic service.....                                  | 14,933,681.48 | 15,371,752.19 | 15,543,145.28 |
| Commercial light service.....                          | 6,713,348.61  | 7,219,403.43  | 8,150,923.90  |
| Commercial power service.....                          | 15,687,273.31 | 16,222,143.48 | 15,544,085.89 |
| Municipal power.....                                   | 2,031,027.12  | 2,111,454.22  | 2,134,062.24  |
| Street lighting.....                                   | 1,686,149.29  | 1,729,320.48  | 1,922,281.13  |
| Merchandise.....                                       | 31,300.28     | 35,378.31     | 65,590.57     |
| Miscellaneous.....                                     | 782,170.04    | 897,433.28    | 1,097,719.02  |
| Total earnings.....                                    | 41,864,950.13 | 43,586,885.39 | 44,457,808.03 |
| <b>EXPENSES</b>  |               |               |               |
| Cost of power.....                                     | 26,587,877.32 | 26,937,460.31 | 26,633,166.70 |
| Substation operation.....                              | 612,227.01    | 611,878.05    | 654,305.46    |
| Substation maintenance.....                            | 370,797.74    | 419,983.12    | 423,473.57    |
| Distribution system, operation and maintenance.....    | 1,143,720.84  | 1,147,646.14  | 1,243,381.36  |
| Line transformer maintenance.....                      | 145,094.88    | 145,701.29    | 155,240.82    |
| Meter maintenance.....                                 | 443,307.27    | 445,437.44    | 470,203.18    |
| Consumers' premises expenses.....                      | 527,810.36    | 513,953.14    | 581,603.20    |
| Street lighting, operation and maintenance.....        | 380,405.50    | 445,945.93    | 487,565.20    |
| Promotion of business.....                             | 171,894.14    | 156,566.54    | 171,063.89    |
| Billing and collecting.....                            | 1,226,185.63  | 1,264,759.35  | 1,305,542.48  |
| General office, salaries and expenses....              | 1,117,334.29  | 1,139,174.46  | 1,201,915.79  |
| Undistributed expense.....                             | 510,448.34    | 522,204.17    | 640,831.75    |
| Truck operation and maintenance.....                   | 94,830.33     | 104,222.84    | 123,720.21    |
| Interest.....  | 844,161.48    | 707,925.20    | 710,300.94    |
| Sinking fund and principal payments on debentures..... | 1,871,119.81  | 1,564,537.45  | 1,255,825.57  |
| Depreciation.....                                      | 2,915,395.96  | 2,668,439.61  | 2,736,906.64  |
| Other reserves.....                                    | 951,711.62    | 852,675.21    | 1,216,822.19  |
| Total operating costs and fixed charges.....           | 39,914,322.52 | 39,648,510.25 | 40,011,868.95 |
| Net surplus.....                                       | 1,950,627.61  | 3,938,375.14  | 4,445,939.08  |
| <b>NUMBER OF CUSTOMERS</b>                             |               |               |               |
| Domestic service.....                                  | 565,109       | 574,469       | 590,723       |
| Commercial light service.....                          | 75,565        | 77,376        | 81,118        |
| Power service.....                                     | 13,761        | 13,792        | 14,339        |
| Total.....   | 654,435       | 665,637       | 686,180       |



## OPERATING REPORTS

| 1946          | 1947          | 1948          | 1949          | 1950          |
|---------------|---------------|---------------|---------------|---------------|
| 304           | 304           | 308           | 315           | 321           |
| \$            | \$            | \$            | \$            | \$            |
| 16,852,308.83 | 18,172,574.54 | 19,506,499.27 | 21,137,834.75 | 28,066,402.91 |
| 8,979,037.16  | 9,819,043.11  | 9,766,500.29  | 10,444,393.84 | 14,690,733.78 |
| 15,707,154.73 | 17,613,525.22 | 18,235,664.95 | 19,178,070.91 | 23,873,159.20 |
| 2,161,079.81  | 2,216,812.71  | 2,343,112.69  | 2,475,539.80  | 2,907,974.03  |
| 1,975,024.68  | 2,057,215.86  | 2,153,034.35  | 2,219,551.02  | 2,552,755.74  |
| 179,252.65    | 233,117.94    | 221,544.94    | 216,734.17    | 216,549.51    |
| 1,210,440.76  | 1,267,485.38  | 1,268,351.70  | 1,231,076.24  | 1,215,956.41  |
| 47,064,298.62 | 51,379,774.76 | 53,494,708.19 | 56,903,200.73 | 73,523,531.58 |
| 29,131,997.88 | 31,760,128.32 | 32,432,823.73 | 36,225,068.75 | 46,400,040.72 |
| 753,931.65    | 855,965.41    | 1,019,515.46  | 1,126,138.22  | 1,441,553.66  |
| 444,276.75    | 475,837.06    | 595,059.49    | 626,041.76    | 679,136.10    |
| 1,404,441.08  | 1,628,081.77  | 1,967,371.30  | 2,110,892.72  | 2,682,034.57  |
| 168,429.61    | 219,164.00    | 249,212.31    | 279,383.13    | 335,739.15    |
| 528,810.47    | 607,758.38    | 699,593.39    | 751,382.32    | 762,974.01    |
| 699,773.37    | 822,675.89    | 1,005,146.07  | 1,061,668.85  | 1,243,611.94  |
| 493,443.23    | 547,556.40    | 602,995.88    | 688,584.31    | 705,830.91    |
| 183,606.79    | 231,488.57    | 343,395.13    | 282,618.04    | 277,190.88    |
| 1,428,246.45  | 1,643,780.22  | 1,872,644.99  | 2,077,074.94  | 2,382,607.11  |
| 1,319,972.30  | 1,521,688.93  | 1,814,028.57  | 1,961,727.80  | 2,162,662.43  |
| 831,176.06    | 840,075.97    | 803,047.22    | 833,337.54    | 1,331,333.41  |
| 147,458.42    | 202,997.29    | 243,560.50    | 269,151.54    | 302,310.53    |
| 525,588.16    | 423,041.93    | 339,213.78    | 305,084.60    | 497,138.36    |
| 1,239,108.29  | 992,793.11    | 903,443.37    | 842,182.95    | 980,917.96    |
| 2,824,871.68  | 3,002,877.86  | 3,278,262.63  | 3,631,483.76  | 4,076,473.95  |
| 1,503,255.70  | 1,478,990.80  | 1,051,522.24  | 634,690.02    | 1,769,378.03  |
| 43,628,387.89 | 47,254,901.91 | 49,220,836.06 | 53,706,511.25 | 68,030,933.72 |
| 3,435,910.73  | 4,124,872.85  | 4,273,872.13  | 3,196,689.48  | 5,492,597.86  |
| 606,046       | 625,705       | 649,220       | 684,417       | 745,422       |
| 85,400        | 87,937        | 91,382        | 94,881        | 104,122       |
| 15,115        | 15,867        | 16,439        | 17,184        | 18,372        |
| 706,561       | 729,509       | 757,041       | 796,482       | 867,916       |

**STATEMENT**  
**Balance Sheets of Municipal Electrical**

**SOUTHERN ONTARIO SYSTEM**

| Municipality.....  | Acton      | Agincourt | Ailsa Craig | Alexandria | Alliston   |
|--|------------|-----------|-------------|------------|------------|
| Population.....  | 3,030      | 824       | 481         | 2,163      | 1,829      |
| <b>ASSETS</b>  | \$         | \$        | \$          | \$         | \$         |
| Lands and buildings.....                                     | 1,627.38   |           |             | 202.00     |            |
| Substation equipment.....                                    | 2,318.36   |           |             |            | 675.73     |
| Distribution system—overhead.....                            | 46,764.15  | 19,459.81 | 10,273.03   | 31,886.17  | 42,472.79  |
| Distribution system—underground.....                         |            |           |             |            |            |
| Line transformers.....                                       | 27,724.54  | 14,177.63 | 5,800.55    | 19,929.38  | 18,447.11  |
| Meters.....  | 19,210.34  | 6,596.66  | 4,088.32    | 13,799.84  | 16,407.55  |
| Street light equipment, regular.....                         | 3,573.13   | 5,382.54  | 535.35      | 4,047.87   | 5,958.50   |
| Street light equipment, ornamental.....                      |            |           |             |            |            |
| Miscellaneous construction expense.....                      | 4,528.56   | 290.29    | 8.60        | 680.64     | 2,315.86   |
| Steam or hydraulic plant.....                                |            |           |             |            |            |
| Old plant.....   |            |           |             |            | 7,846.49   |
| Total plant.....   | 105,746.46 | 45,906.93 | 20,705.85   | 70,545.90  | 94,124.03  |
| Bank and cash balance.....                                   | 3,817.32   |           | 695.65      | 19,011.59  | 539.62     |
| Securities and investments.....                              | 7,000.00   | 11,500.00 | 6,000.00    | 33,000.00  | 22,000.00  |
| Accounts receivable.....                                     | 2,424.97   | 1,136.42  | 670.00      | 3,799.58   | 1,141.19   |
| Inventories.....   | 980.00     |           |             |            | 1.80       |
| Sinking fund on local debentures.....                        |            |           |             |            |            |
| Equity in H-E.P.C. systems.....                              | 147,026.35 | 23,262.25 | 27,421.74   | 54,649.62  | 48,879.07  |
| Other assets.....  | 135.78     |           |             |            | 1,678.28   |
| Frequency standardization expenditure in suspense.....       | 94.75      |           |             |            |            |
| Total assets.....  | 267,225.63 | 81,805.60 | 55,493.24   | 181,006.69 | 168,363.99 |
| <b>LIABILITIES</b>   |            |           |             |            |            |
| Debenture balance.....                                       |            |           |             |            |            |
| Accounts payable.....  | 283.16     | 2,905.48  | 1,468.63    | 87.18      | 370.56     |
| Bank overdraft.....  |            | 357.14    |             |            |            |
| Other liabilities.....                                       | 2,337.34   | 40.00     | 120.00      | 1,919.76   | 346.50     |
| Total liabilities.....                                       | 2,620.50   | 3,302.62  | 1,588.63    | 2,006.94   | 717.06     |
| <b>RESERVES</b>  |            |           |             |            |            |
| For equity in H-E.P.C. systems.....                          | 147,026.35 | 23,262.25 | 27,421.74   | 54,649.62  | 48,879.07  |
| For depreciation.....  | 15,170.12  | 7,955.46  | 5,977.18    | 21,898.38  | 13,007.93  |
| Other reserves.....  |            | 17.23     |             |            | 63.51      |
| Total reserves.....  | 162,196.47 | 31,234.94 | 33,398.92   | 76,548.00  | 61,950.51  |
| <b>SURPLUS</b>   |            |           |             |            |            |
| Debentures paid.....   | 14,500.00  | 8,072.65  | 6,883.38    | 38,299.23  | 37,736.04  |
| Local sinking fund.....                                      |            |           |             |            |            |
| Operating surplus.....                                       | *87,908.66 | 39,195.39 | 13,622.31   | 64,152.52  | 67,960.38  |
| Net frequency standardization expense charged this year..... |            |           |             |            |            |
| Total surplus.....   | 102,408.66 | 47,268.04 | 20,505.69   | 102,451.75 | 105,696.42 |
| Total liabilities, reserves and surplus.....                 | 267,225.63 | 81,805.60 | 55,493.24   | 181,006.69 | 168,363.99 |
| Percentage of net debt to total assets.....                  | 2.2        | 5.6       | 5.7         | 1.6        | 0.6        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

"A"

## Utilities as at December 31, 1950

| Almonte    | Alvinston  | Amherstburg | Ancaster<br>Twp. (V.A.) | Apple Hill | Arkona    | Arnprior   |
|------------|------------|-------------|-------------------------|------------|-----------|------------|
| 2,527      | 664        | 3,444       |                         | 464        | 361       | 4,326      |
| \$         | \$         | \$          | \$                      | \$         | \$        | \$         |
| 10,603.60  | 2,058.60   |             | 354.71                  | 169.06     |           | 8,241.00   |
| 24,581.90  |            |             |                         |            |           |            |
| 40,689.96  | 19,958.21  | 62,561.52   | 47,315.05               | 3,073.55   | 11,567.98 | 42,805.93  |
|            |            | 657.77      |                         |            |           |            |
| 23,745.99  | 6,047.08   | 50,710.23   | 25,031.61               | 1,888.97   | 3,521.48  | 35,123.70  |
| 16,575.82  | 4,926.02   | 24,818.53   | 11,398.62               | 1,656.24   | 3,169.34  | 22,914.05  |
| 8,989.77   | 1,473.27   | 3,193.56    | 1,863.96                | 421.12     | 1,378.88  | 20,483.98  |
|            |            |             |                         |            |           |            |
| 1,082.00   | 188.48     | 4,241.67    | 632.61                  | 7.85       | 66.60     | 40.46      |
| 110,647.67 |            |             |                         |            |           |            |
|            |            |             |                         |            |           |            |
| 236,916.71 | 34,651.66  | 146,183.28  | 86,596.56               | 7,216.79   | 19,704.28 | 129,609.12 |
|            |            |             |                         |            |           |            |
| 24,691.22  | 3,097.66   | 525.63      | 2,379.12                | 7,870.21   | 1,780.03  | 2,198.68   |
| 8,000.00   | 11,000.00  | 20,350.00   |                         | 2,500.00   | 4,000.00  | 41,000.00  |
| 2,531.64   | 220.20     | 2,892.74    | 2,251.24                | 165.56     | 141.89    | 1,269.23   |
| 6,449.24   |            | 1,023.35    |                         |            |           | 10,220.68  |
|            |            |             |                         |            |           |            |
| 6,646.28   | 27,576.32  | 112,393.43  | 36,911.28               | 6,216.96   | 12,514.97 | 35,381.68  |
|            |            | 31.12       | 390.00                  |            |           |            |
|            |            |             |                         |            |           |            |
|            | 216.93     |             | 6.00                    |            | 1,003.87  |            |
| 285,235.09 | 76,762.77  | 283,399.55  | 128,534.20              | 23,969.52  | 39,145.04 | 219,679.39 |
|            |            |             |                         |            |           |            |
| 13,236.63  |            |             | 30,000.00               |            |           |            |
| 1,866.36   | 903.99     | 416.62      | 1,210.72                |            | 138.27    | 13,182.92  |
|            |            |             |                         |            |           |            |
| 830.74     | 61.00      | 695.11      | 296.25                  |            | 20.69     | 2,183.17   |
| 15,933.73  | 964.99     | 1,111.73    | 31,506.97               |            | 158.96    | 15,366.09  |
|            |            |             |                         |            |           |            |
| 6,646.28   | 27,576.32  | 112,393.43  | 36,911.28               | 6,216.96   | 12,514.97 | 35,381.68  |
| 51,693.46  | 14,342.37  | 42,981.10   | 8,950.27                | 3,974.46   | 6,378.30  | 10,265.87  |
| 1,396.80   | 59.50      | 413.56      | 48.02                   |            |           |            |
|            |            |             |                         |            |           |            |
| 59,736.54  | 41,978.19  | 155,788.09  | 45,909.57               | 10,191.42  | 18,893.27 | 45,647.55  |
|            |            |             |                         |            |           |            |
| 58,763.37  | 23,529.24  | 32,053.60   | 14,110.28               | 5,080.12   | 13,112.83 | 55,469.13  |
| 150,801.45 | *10,290.35 | 94,446.13   | *37,007.38              | 8,697.98   | *6,979.98 | 103,196.62 |
|            |            |             |                         |            |           |            |
| 209,564.82 | 33,819.59  | 126,499.73  | 51,117.66               | 13,778.10  | 20,092.81 | 158,665.75 |
| 285,235.09 | 76,762.77  | 283,399.55  | 128,534.20              | 23,969.52  | 39,145.04 | 219,679.39 |
| 5.7        | 2.0        | 0.6         | 34.4                    | 0.0        | 0.6       | 8.3        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



# STATEMENT Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Arthur    | Athens    | Aurora      | Aylmer     | Ayr       |
|--|-----------|-----------|-------------|------------|-----------|
| Population.....  | 1,158     | 781       | 3,697       | 3,481      | 855       |
| <b>ASSETS</b>  | <b>\$</b> | <b>\$</b> | <b>\$</b>   | <b>\$</b>  | <b>\$</b> |
| Lands and buildings.....                                     |           |           | 4,009.85    | 11,147.41  | 125.00    |
| Substation equipment.....                                    |           |           | 1,491.05    | 5,125.60   |           |
| Distribution system—overhead.....                            | 20,579.85 | 15,402.05 | 50,441.12   | 45,707.87  | 14,837.81 |
| Distribution system—underground.....                         |           |           |             |            |           |
| Line transformers.....                                       | 12,706.12 | 4,279.45  | 35,453.18   | 40,976.90  | 9,215.07  |
| Meters.....  | 6,809.92  | 4,676.18  | 22,045.02   | 22,578.55  | 6,153.67  |
| Street light equipment, regular.....                         | 2,305.56  | 725.65    | 7,991.81    | 10,716.31  | 1,170.78  |
| Street light equipment, ornamental.....                      |           |           |             |            |           |
| Miscellaneous construction expense.....                      | 988.45    | 71.12     | 16,802.87   | 6,176.52   | 192.00    |
| Steam or hydraulic plant.....                                |           |           |             |            |           |
| Old plant.....   | 1,086.62  |           |             |            |           |
| Total plant.....   | 44,476.52 | 25,154.45 | 138,234.90  | 142,429.16 | 31,694.33 |
| Bank and cash balance.....                                   | 2,095.71  | 9,475.93  | 30.00       | 4,404.88   | 1,987.87  |
| Securities and investments.....                              | 4,000.00  | 9,000.00  | 12,000.00   | 6,000.00   | 9,467.41  |
| Accounts receivable.....                                     | 198.18    | 2,141.27  | 575.67      | 2,264.01   | 908.76    |
| Inventories.....   |           |           |             | 14.11      |           |
| Sinking fund on local debentures.....                        |           |           |             |            |           |
| Equity in H-E.P.C. systems.....                              | 36,099.86 | 13,696.37 | 27,987.35   | 91,504.92  | 29,693.41 |
| Other assets.....  |           |           |             |            |           |
| Frequency standardization expenditure in suspense.....       |           |           | 1,271.67    |            |           |
| Total assets.....  | 86,870.27 | 59,468.02 | 180,099.59  | 246,617.08 | 73,751.78 |
| <b>LIABILITIES</b>   |           |           |             |            |           |
| Debenture balance.....                                       | 1,505.65  |           |             |            |           |
| Accounts payable.....  | 100.02    |           |             | 838.85     | 1,379.84  |
| Bank overdraft.....  |           |           | 2,322.09    |            |           |
| Other liabilities.....                                       | 347.60    |           | 897.00      | 1,127.66   | 78.64     |
| Total liabilities.....                                       | 1,953.27  |           | 3,219.09    | 1,966.51   | 1,458.48  |
| <b>RESERVES</b>  |           |           |             |            |           |
| For equity in H-E.P.C. systems.....                          | 36,099.86 | 13,696.37 | 27,987.35   | 91,504.92  | 29,693.41 |
| For depreciation.....  | 16,385.82 | 5,132.69  | 33,326.23   | 35,384.69  | 8,423.94  |
| Other reserves.....  |           | 206.06    |             | 622.24     |           |
| Total reserves.....  | 52,485.68 | 19,035.12 | 61,313.58   | 127,511.85 | 38,117.35 |
| <b>SURPLUS</b>   |           |           |             |            |           |
| Debentures paid.....   | 23,494.35 | 12,988.39 |             | 38,701.92  | 17,503.38 |
| Local sinking fund.....                                      |           |           |             |            |           |
| Operating surplus.....                                       | 8,936.97  | 27,444.51 | *115,566.92 | 78,436.80  | 16,672.57 |
| Net frequency standardization expense charged this year..... |           |           |             |            |           |
| Total surplus.....   | 32,431.32 | 40,432.90 | 115,566.92  | 117,138.72 | 34,175.95 |
| Total liabilities, reserves and surplus.....                 | 86,870.27 | 59,468.02 | 180,099.59  | 246,617.08 | 73,751.78 |
| Percentage of net debt to total assets.....                  | 3.8       | 0.0       | 2.1         | 1.3        | 3.3       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

Utilities as at December 31, 1950

| Baden<br>692 | Bancroft<br>1,220 | Barrie<br>12,904 | Barry's Bay<br>1,294 | Bath<br>373 | Beachville<br>656 | Beamsville<br>1,684 |
|--------------|-------------------|------------------|----------------------|-------------|-------------------|---------------------|
| \$<br>882.40 | \$                | \$<br>36,718.46  | \$                   | \$          | \$<br>176.13      | \$                  |
| 12,192.01    | 16,714.14         | 80,912.55        | 8,740.68             | 11,953.15   | 19,866.03         | 23,812.61           |
| 5,600.40     | 7,455.84          | 100,735.20       | 4,280.56             | 2,010.90    | 9,750.83          | 16,885.29           |
| 5,452.73     | 6,887.19          | 92,918.32        | 3,732.97             | 2,019.88    | 5,570.90          | 11,193.52           |
| 748.17       | 1,973.54          | 15,466.80        | 796.14               | 769.76      | 875.09            | 3,216.95            |
| 182.92       | 654.13            | 1,150.00         | 117.45               | 727.38      | 1,761.97          |                     |
|              | 108,270.93        |                  | 2,500.00             |             |                   |                     |
| 25,058.63    | 141,955.77        | 518,804.00       | 20,167.80            | 17,481.07   | 38,000.95         | 55,108.37           |
| 8,041.35     | 1,072.05          | 3,011.42         | 8,652.09             | 1,605.19    | 2,891.86          | 1,539.76            |
| 6,500.00     |                   | 118,100.00       |                      |             | 21,500.00         | 25,000.00           |
| 1,022.23     | 2,123.22          | 30,955.01        | 354.06               | 55.09       | 326.04            | 725.03              |
|              | 1,605.85          | 18,703.07        |                      |             |                   |                     |
| 60,939.92    |                   | 324,820.23       |                      | 5,183.21    | 79,847.22         | 18,546.13           |
|              |                   |                  |                      |             |                   | 75.00               |
| 101,562.13   | 146,756.89        | 1,014,393.73     | 29,173.95            | 24,324.56   | 142,566.07        | 100,994.29          |
| 88.50        | 49,500.00         |                  | 5,585.82             | 1,158.74    |                   |                     |
|              | 3,324.72          |                  | 1,010.12             |             | 3,433.20          | 2,764.74            |
| 10.00        | 136.00            | 6,993.56         |                      | 180.00      |                   | 857.90              |
| 98.50        | 52,960.72         | 6,993.56         | 6,595.94             | 1,338.74    | 3,433.20          | 3,622.64            |
| 60,939.92    |                   | 324,820.23       |                      | 5,183.21    | 79,847.22         | 18,546.13           |
| 4,688.96     | 23,775.71         | 168,857.38       | 3,110.91             | 4,189.41    | 11,160.44         | 13,991.55           |
|              |                   | 400.00           | 1,065.45             |             |                   |                     |
| 65,628.88    | 23,775.71         | 494,077.61       | 4,176.36             | 9,372.62    | 91,007.66         | 32,537.68           |
| 5,000.00     | 18,000.00         | 65,365.68        | 4,414.18             | 6,341.26    | 5,536.66          | 37,500.00           |
| 30,834.75    | 52,020.46         | 447,956.88       | 13,987.47            | 7,271.94    | 42,588.55         | *27,333.97          |
| 35,834.75    | 70,020.46         | 513,322.56       | 18,401.65            | 13,613.20   | 48,125.21         | 64,833.97           |
| 101,562.13   | 146,756.89        | 1,014,393.73     | 29,173.95            | 24,324.56   | 142,566.07        | 100,994.29          |
| 0.2          | 36.1              | 1.1              | 22.6                 | 7.0         | 5.5               | 4.4                 |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

**STATEMENT**  
**Balance Sheets of Municipal Electrical**

**SOUTHERN ONTARIO SYSTEM—Continued**

| Municipality.....  | Beaverton  | Beeton    | Belle River | Belleville   | Blenheim   |
|--|------------|-----------|-------------|--------------|------------|
| Population.....  | 841        | 576       | 1,358       | 19,220       | 2,439      |
| <b>ASSETS</b>  | \$         | \$        | \$          | \$           | \$         |
| Lands and buildings.....                                     | 499.50     | .....     | 204.20      | 44,883.51    | 14,874.79  |
| Substation equipment.....                                    | .....      | 428.50    | .....       | 138,695.68   | 1,264.64   |
| Distribution system—overhead.....                            | 29,387.72  | 14,550.46 | 28,384.52   | 222,651.21   | 55,761.70  |
| Distribution system—underground.....                         | .....      | .....     | .....       | .....        | .....      |
| Line transformers.....                                       | 13,750.18  | 4,430.80  | 10,079.46   | 95,780.36    | 23,698.82  |
| Meters.....  | 10,146.76  | 4,076.99  | 8,767.31    | 119,714.88   | 20,490.43  |
| Street light equipment, regular.....                         | 2,046.34   | 2,811.68  | 2,845.94    | 49,633.96    | 5,679.65   |
| Street light equipment, ornamental.....                      | .....      | .....     | .....       | .....        | .....      |
| Miscellaneous construction expense                           | 121.85     | 153.74    | 326.74      | 21,954.79    | 389.79     |
| Steam or hydraulic plant.....                                | .....      | .....     | .....       | .....        | .....      |
| Old plant.....   | .....      | .....     | .....       | .....        | .....      |
| Total plant.....   | 55,952.35  | 26,452.17 | 50,608.17   | 693,314.39   | 122,159.82 |
| Bank and cash balance.....                                   | 3,064.17   | 766.98    | 370.56      | 42,035.00    | 2,559.77   |
| Securities and investments.....                              | 7,200.00   | 6,000.00  | 2,000.00    | 35,000.00    | 4,000.00   |
| Accounts receivable.....                                     | 260.47     | 45.92     | 139.60      | 42,821.07    | 1,142.09   |
| Inventories.....   | .....      | .....     | .....       | 32,183.81    | 2,275.21   |
| Sinking fund on local debentures.....                        | .....      | .....     | .....       | .....        | .....      |
| Equity in H-E.P.C. systems.....                              | 38,113.19  | 28,029.18 | 22,319.96   | 401,860.44   | 73,561.15  |
| Other assets.....  | 1,058.94   | 394.66    | 9.60        | .....        | 209.50     |
| Frequency standardization expenditure in suspense.....       | .....      | .....     | .....       | .....        | .....      |
| Total assets.....  | 105,649.12 | 61,688.91 | 75,447.89   | 1,247,214.71 | 205,907.54 |
| <b>LIABILITIES</b>   | .....      | .....     | .....       | .....        | .....      |
| Debenture balance.....                                       | .....      | .....     | .....       | .....        | .....      |
| Accounts payable.....  | 184.62     | 761.13    | 1,624.15    | .....        | 5,643.81   |
| Bank overdraft.....  | .....      | .....     | .....       | .....        | .....      |
| Other liabilities.....                                       | 1,149.03   | 170.00    | 369.94      | 18,872.28    | 285.00     |
| Total liabilities.....                                       | 1,333.65   | 931.13    | 1,994.09    | 18,872.28    | 5,928.81   |
| <b>RESERVES</b>  | .....      | .....     | .....       | .....        | .....      |
| For equity in H-E.P.C. systems.....                          | 38,113.19  | 28,029.18 | 22,319.96   | 401,860.44   | 73,561.15  |
| For depreciation.....  | 21,395.25  | 7,535.04  | 14,136.59   | 123,504.11   | 32,755.54  |
| Other reserves.....  | 400.00     | 86.50     | .....       | 4,679.63     | 219.77     |
| Total reserves.....  | 59,908.44  | 35,650.72 | 36,456.55   | 530,044.18   | 106,536.46 |
| <b>SURPLUS</b>   | .....      | .....     | .....       | .....        | .....      |
| Debentures paid.....   | 12,839.34  | 13,610.31 | 8,500.00    | 174,997.19   | 14,000.00  |
| Local sinking fund.....                                      | .....      | .....     | .....       | .....        | .....      |
| Operating surplus.....                                       | 31,567.69  | 11,496.75 | 28,497.25   | 523,301.06   | 79,442.27  |
| Net frequency standardization expense charged this year..... | .....      | .....     | .....       | .....        | .....      |
| Total surplus.....   | 44,407.03  | 25,107.06 | 36,997.25   | 698,298.25   | 93,442.27  |
| Total liabilities, reserves and surplus.....                 | 105,649.12 | 61,688.91 | 75,447.89   | 1,247,214.71 | 205,907.54 |
| Percentage of net debt to total assets.....                  | 2.0        | 2.8       | 3.8         | 2.2          | 4.5        |



## "A"—Continued

## Utilities as of December 31, 1950

| Bloomfield<br>616 | Blyth<br>625 | Bobcaygeon<br>1,117 | Bolton<br>818 | Bothwell<br>691 | Bowmanville<br>4,903                | Bradford<br>1,547               |
|-------------------|--------------|---------------------|---------------|-----------------|-------------------------------------|---------------------------------|
| \$                | \$           | \$ 740.00           | \$            | \$              | \$                                  | \$                              |
| 12,054.46         | 14,692.20    | 31,174.18           | 17,571.51     | 10,519.23       | 39,215.49<br>90,998.71<br>69,402.96 | 5,710.06<br>388.50<br>33,220.90 |
| 3,890.71          | 6,513.59     | 10,675.34           | 13,659.74     | 5,770.22        | 26,113.49                           | 18,586.00                       |
| 4,322.22          | 4,877.32     | 10,954.59           | 5,934.59      | 4,893.85        | 33,573.58                           | 13,237.74                       |
| 1,121.08          | 1,554.68     | 6,375.20            | 994.22        | 4,709.03        | 10,349.14                           | 1,167.81                        |
|                   | 319.17       | 822.90              | 1,508.16      | 167.69          | 15,923.90                           | 2,005.58                        |
|                   |              | 75,000.00           |               |                 |                                     |                                 |
| 21,388.47         | 27,956.96    | 135,742.21          | 39,668.22     | 26,060.02       | 285,577.27                          | 74,316.59                       |
| 3,434.60          | 6,106.47     |                     | 2,622.30      | 1,175.25        | 18,816.34                           | 21,117.75                       |
| 17,500.00         | 8,000.00     |                     | 12,000.00     | 10,000.00       | 65,000.00                           | 2,500.00                        |
| 155.41            | 524.51       | 797.03              | 183.87        | 915.80          | 8,016.37                            | 1,482.92                        |
|                   |              | 2,330.80            | 85.00         |                 | 10,401.39                           | 5,046.31                        |
| 13,434.78         | 19,856.09    | 2,615.22            | 33,041.91     | 30,396.45       | 155,547.24                          | 36,151.65                       |
|                   |              | 106.24              |               |                 | 15.67                               | 101.50                          |
|                   |              |                     | 57.57         |                 |                                     |                                 |
| 55,913.26         | 62,444.03    | 141,591.50          | 87,658.87     | 68,547.52       | 543,374.28                          | 140,716.72                      |
| 10.03             | 532.18       | 32,201.52           |               | 118.00          | 466.79                              | 2,922.72                        |
| 231.00            | 168.79       | 1,171.64            | 236.39        | 100.95          | 1,826.97                            | 1,072.44                        |
| 241.03            | 700.97       | 33,373.16           | 236.39        | 218.95          | 2,293.76                            | 3,995.16                        |
| 13,434.78         | 19,856.09    | 2,615.22            | 33,041.91     | 30,396.45       | 155,547.24                          | 36,151.65                       |
| 10,621.57         | 8,836.18     | 37,249.62           | 10,858.64     | 9,889.72        | 38,872.85                           | 19,201.43                       |
|                   |              | 100.00              | 44.00         | 15.13           |                                     | 29.88                           |
| 24,056.35         | 28,692.27    | 39,964.84           | 43,944.55     | 40,301.30       | 194,420.09                          | 55,382.96                       |
| 9,796.58          | 16,032.52    | 57,798.48           | 12,500.00     | 5,534.19        | 71,000.00                           | 23,351.06                       |
| 21,819.30         | 17,018.27    | 10,455.02           | *30,977.93    | 22,493.08       | 275,660.43                          | 57,987.54                       |
| 31,615.88         | 33,050.79    | 68,253.50           | 43,477.93     | 28,027.27       | 346,660.43                          | 81,338.60                       |
| 55,913.26         | 62,444.03    | 141,591.50          | 87,658.87     | 68,547.52       | 543,374.28                          | 140,716.72                      |
| 0.6               | 1.6          | 24.0                | 0.4           | 0.6             | 0.6                                 | 3.8                             |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality .....  | Braeside  | Brampton    | Brantford    | Brantford<br>Twp. (V.A.) | Brechin   |
|---|-----------|-------------|--------------|--------------------------|-----------|
| Population .....  | 484       | 7,702       | 36,532       | .....                    | 266       |
| <b>ASSETS</b>   | <b>\$</b> | <b>\$</b>   | <b>\$</b>    | <b>\$</b>                | <b>\$</b> |
| Lands and buildings .....                                     |           | 6,175.76    | 181,450.08   | 2,930.39                 | .....     |
| Substation equipment .....                                    |           | 52,559.93   | 306,519.20   | 62,640.01                | .....     |
| Distribution system—overhead .....                            | 3,625.66  | 87,036.53   | 368,716.90   | 191,574.44               | 1,692.10  |
| Distribution system—underground .....                         |           |             | 7,029.67     |                          | .....     |
| Line transformers .....                                       | 2,290.28  | 83,550.39   | 317,302.87   | 75,987.70                | 2,432.89  |
| Meters .....  | 1,916.25  | 52,614.25   | 226,884.51   | 61,663.39                | 1,214.30  |
| Street light equipment, regular .....                         | 64.17     | 15,284.07   | 60,280.84    | 15,054.58                | 197.38    |
| Street light equipment, ornamental .....                      |           |             |              |                          | .....     |
| Miscellaneous construction expense .....                      |           | 2,920.96    | 48,447.47    | 8,729.75                 | .....     |
| Steam or hydraulic plant .....                                |           |             |              |                          | .....     |
| Old plant .....   |           |             | 6,000.00     |                          | .....     |
| Total plant .....   | 7,896.36  | 300,141.89  | 1,522,631.54 | 418,580.26               | 5,536.67  |
| Bank and cash balance .....                                   | 7,970.49  | 1,311.87    | 1,475.24     | 8,992.76                 | 2,407.14  |
| Securities and investments .....                              |           | 51,500.00   | 81,000.00    |                          | 5,000.00  |
| Accounts receivable .....                                     | 1,212.83  | 581.75      | 25,043.77    | 2,667.57                 | 20.31     |
| Inventories .....   |           | 6,285.62    | 45,174.31    | 4,574.19                 | 24.42     |
| Sinking fund on local debentures .....                        |           |             |              |                          | .....     |
| Equity in H-E.P.C. systems .....                              | 2,588.59  | 329,204.39  | 1,849,831.58 | 88,273.40                | 13,042.12 |
| Other assets .....  |           | 4.74        | 6,534.77     | 420.20                   | .....     |
| Frequency standardization expenditure in suspense .....       |           | 445.74      | 1,425.00     | 1,225.00                 | .....     |
| Total assets .....  | 19,668.27 | 689,476.00  | 3,533,116.21 | 524,733.38               | 26,030.66 |
| <b>LIABILITIES</b>  |           |             |              |                          |           |
| Debenture balance .....                                       | 4,663.44  |             |              | 169,036.87               | .....     |
| Accounts payable .....  | 1,983.80  |             | 5,337.49     | 1,528.87                 | 48.74     |
| Bank overdraft .....  |           | 1,658.99    | 5,360.32     |                          | .....     |
| Other liabilities .....                                       | 120.00    | 2,505.00    | 33,950.24    | 2,240.56                 | 25.00     |
| Total liabilities .....                                       | 6,767.24  | 4,163.99    | 44,648.05    | 172,806.30               | 73.74     |
| <b>RESERVES</b>   |           |             |              |                          |           |
| For equity in H-E.P.C. systems .....                          | 2,588.59  | 329,204.39  | 1,849,831.58 | 88,273.40                | 13,042.12 |
| For depreciation .....  | 883.69    | 97,019.60   | 518,935.36   | 75,047.63                | 1,082.32  |
| Other reserves .....  |           | 478.23      | 8,789.29     | 72.15                    | 8.49      |
| Total reserves .....  | 3,472.28  | 426,702.22  | 2,377,556.23 | 163,393.18               | 14,132.93 |
| <b>SURPLUS</b>  |           |             |              |                          |           |
| Debentures paid .....   | 1,336.56  | 69,050.64   | 530,000.00   | 78,088.79                | 2,664.00  |
| Local sinking fund .....                                      |           |             |              |                          | .....     |
| Operating surplus .....                                       | 8,092.19  | *189,559.15 | *580,911.93  | *110,445.11              | 9,159.99  |
| Net frequency standardization expense charged this year ..... |           |             |              |                          | .....     |
| Total surplus .....   | 9,428.75  | 258,609.79  | 1,110,911.93 | 188,533.90               | 11,823.99 |
| Total liabilities, reserves and surplus .....                 | 19,668.27 | 689,476.00  | 3,533,116.21 | 524,733.38               | 26,030.66 |
| Percentage of net debt to total assets .....                  | 33.8      | 1.2         | 2.6          | 39.6                     | 0.6       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## "A"—Continued

## Utilities as at December 31, 1950

| Bridgeport | Brigden    | Brighton   | Brockville   | Brussels  | Burford   | Burgessville |
|------------|------------|------------|--------------|-----------|-----------|--------------|
| .....      | 424        | 1,999      | 11,845       | 814       | 847       | 222          |
| \$         | \$         | \$         | \$           | \$        | \$        | \$           |
| .....      | 1,482.03   | 600.00     | 51,369.35    | .....     | 802.00    | .....        |
| 18,789.54  | 12,303.24  | 31,661.73  | 225,779.83   | .....     | .....     | .....        |
| .....      | .....      | .....      | 105,859.21   | 25,217.07 | 14,386.76 | 4,627.72     |
| 10,473.64  | 4,150.39   | 10,661.62  | 84,303.27    | 8,929.64  | 8,047.88  | 4,293.08     |
| 6,523.73   | 4,003.16   | 12,142.13  | 70,583.09    | 6,299.32  | 6,947.48  | 1,775.41     |
| 1,789.35   | 509.23     | 1,350.85   | 40,550.97    | 1,707.79  | 692.53    | 261.02       |
| .....      | 88.70      | 1,106.65   | 3,756.64     | 217.84    | 168.40    | 30.00        |
| .....      | .....      | .....      | .....        | .....     | .....     | .....        |
| 37,576.26  | 22,536.75  | 57,522.98  | 582,202.36   | 42,371.66 | 31,045.05 | 10,987.23    |
| 1,177.49   | 2,045.99   | 1,115.63   | 10,595.08    | 96.96     | .....     | 2,460.03     |
| .....      | 6,800.00   | 10,000.00  | 21,050.00    | 6,000.00  | 4,000.00  | 2,800.00     |
| 436.56     | 147.87     | 5,758.54   | 15,137.49    | 271.89    | 414.94    | 53.17        |
| .....      | .....      | 4,548.01   | 8,768.64     | .....     | 13.30     | .....        |
| 14,832.26  | 21,513.15  | 28,185.99  | 376,775.99   | 25,945.90 | 27,597.78 | 10,158.59    |
| .....      | .....      | .....      | 1,820.66     | 10.00     | 30.00     | .....        |
| .....      | 170.34     | .....      | .....        | .....     | .....     | .....        |
| 54,022.57  | 53,214.10  | 107,131.15 | 1,016,350.22 | 74,696.41 | 63,101.07 | 26,459.02    |
| .....      | .....      | .....      | .....        | .....     | .....     | .....        |
| 736.00     | 32.65      | 520.04     | 12,790.05    | 396.57    | .....     | 11.92        |
| .....      | .....      | .....      | .....        | .....     | 761.17    | .....        |
| 195.00     | 35.00      | 1,172.39   | 6,184.09     | 104.55    | 113.30    | 10.00        |
| .....      | .....      | .....      | .....        | .....     | .....     | .....        |
| 931.00     | 67.65      | 1,692.43   | 18,974.14    | 501.12    | 874.47    | 21.92        |
| .....      | .....      | .....      | .....        | .....     | .....     | .....        |
| 14,832.26  | 21,513.15  | 28,185.99  | 376,775.99   | 25,945.90 | 27,597.78 | 10,158.59    |
| 11,264.68  | 7,206.61   | 7,933.63   | 132,281.69   | 4,235.39  | 7,275.09  | 4,941.67     |
| .....      | 97.24      | 219.23     | 13,936.56    | .....     | .....     | .....        |
| 26,096.94  | 28,817.00  | 36,338.85  | 522,994.24   | 30,181.29 | 34,872.87 | 15,100.26    |
| .....      | .....      | .....      | .....        | .....     | .....     | .....        |
| 12,368.03  | 8,000.00   | 25,000.00  | 174,869.92   | 21,000.00 | 9,000.00  | 3,500.00     |
| 14,626.60  | *16,329.45 | 44,099.87  | 299,511.92   | 23,014.00 | 18,353.73 | 7,836.84     |
| .....      | .....      | .....      | .....        | .....     | .....     | .....        |
| 26,994.63  | 24,329.45  | 69,099.87  | 474,381.84   | 44,014.00 | 27,353.73 | 11,336.84    |
| 54,022.57  | 53,214.10  | 107,131.15 | 1,016,350.22 | 74,696.41 | 63,101.07 | 26,459.02    |
| 2.4        | 0.2        | 2.1        | 2.9          | 1.0       | 2.5       | 0.1          |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



## STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Burks<br>Falls<br>850 | Burlington<br>5,952 | Caledonia<br>1,645 | Campbell-<br>ville<br>225 | Canning-<br>ton<br>856 |
|---|-----------------------|---------------------|--------------------|---------------------------|------------------------|
| ASSETS  | \$                    | \$                  | \$                 | \$                        | \$                     |
| Lands and buildings.....  |                       | 18,281.47           | 656.01             |                           |                        |
| Substation equipment.....   |                       | 3,900.00            |                    |                           |                        |
| Distribution system—overhead....                                  | 29,067.17             | 138,807.70          | 28,863.90          | 3,408.21                  | 16,743.38              |
| Distribution system—underground.                                  |                       |                     |                    |                           |                        |
| Line transformers.....  | 10,061.55             | 65,306.66           | 16,575.13          | 1,662.41                  | 8,276.31               |
| Meters.....   | 3,237.05              | 42,091.99           | 12,035.87          | 1,326.70                  | 6,878.09               |
| Street light equipment, regular....                               | 1,131.99              | 9,187.00            | 3,720.70           | 517.31                    | 2,938.01               |
| Street light equipment, ornamental                                |                       |                     |                    |                           |                        |
| Miscellaneous construction expense                                | 1,175.81              | 14,997.02           | 1,414.07           | 6.82                      | 21.75                  |
| Steam or hydraulic plant.....                                     |                       |                     |                    |                           |                        |
| Old plant.....  | 6,353.93              |                     |                    |                           |                        |
| Total plant.....  | 51,027.50             | 292,571.84          | 63,265.68          | 6,921.45                  | 34,857.54              |
| Bank and cash balance.....  | 1,862.44              | 5,501.46            | 50.00              | 473.16                    | 6,043.60               |
| Securities and investments.....                                   |                       | 2,600.00            | 200.00             | 3,600.00                  | 6,000.00               |
| Accounts receivable.....  | 470.65                | 3,258.58            | 665.51             | 18.56                     | 405.87                 |
| Inventories.....  | 116.00                | 20,006.87           | 3,161.81           |                           | 453.73                 |
| Sinking fund on local debentures.                                 |                       |                     |                    |                           |                        |
| Equity in H-E.P.C. systems.....                                   |                       | 22,074.10           | 44,267.74          | 5,808.47                  | 29,071.53              |
| Other assets.....   |                       | 29.54               | 65.00              |                           | 1,116.40               |
| Frequency standardization expendi-<br>ture in suspense.....       |                       |                     |                    | 24.00                     |                        |
| Total assets.....   | 53,476.59             | 346,042.39          | 111,675.74         | 16,845.64                 | 77,948.67              |
| LIABILITIES   |                       |                     |                    |                           |                        |
| Debenture balance.....  | 33,186.12             | 98,355.70           | 4,000.00           |                           |                        |
| Accounts payable.....   | 15,341.06             | 34,643.58           | 173.50             |                           | 926.43                 |
| Bank overdraft.....   |                       |                     | 162.56             |                           |                        |
| Other liabilities.....  |                       | 5,792.85            | 510.69             |                           | 45.00                  |
| Total liabilities.....  | 48,527.18             | 138,792.13          | 4,846.75           |                           | 971.43                 |
| RESERVES  |                       |                     |                    |                           |                        |
| For equity in H-E.P.C. systems....                                |                       | 22,074.10           | 44,267.74          | 5,808.47                  | 29,071.53              |
| For depreciation.....   | 870.00                | 34,092.90           | 9,257.59           | 2,494.03                  | 14,132.25              |
| Other reserves.....   |                       |                     |                    |                           | 76.05                  |
| Total reserves.....   | 870.00                | 56,167.00           | 53,525.33          | 8,302.50                  | 43,279.83              |
| SURPLUS   |                       |                     |                    |                           |                        |
| Debentures paid.....  | 1,813.88              | 62,144.30           | 5,624.00           | 5,447.77                  | 14,532.42              |
| Local sinking fund.....   |                       |                     |                    |                           |                        |
| Operating surplus.....  | 2,265.53              | 88,938.96           | 47,679.66          | *3,095.37                 | 19,164.99              |
| Net frequency standardization ex-<br>pense charged this year..... |                       |                     |                    |                           |                        |
| Total surplus.....  | 4,079.41              | 151,083.26          | 53,303.66          | 8,543.14                  | 33,697.41              |
| Total liabilities, reserves and surplus.                          | 53,476.59             | 346,042.39          | 111,675.74         | 16,845.64                 | 77,948.67              |
| Percentage of net debt to total assets.                           | 90.7                  | 42.8                | 7.2                | 0.0                       | 2.0                    |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as at December 31, 1950

| Cardinal<br>1,739 | Carleton<br>Place<br>4,616 | Cayuga<br>742 | Chatham<br>21,223 | Chatsworth<br>374 | Chesley<br>1,707 | Chesterville<br>1,165 |
|-------------------|----------------------------|---------------|-------------------|-------------------|------------------|-----------------------|
| \$                | \$                         | \$            | \$                | \$                | \$               | \$                    |
| .....             | 13,390.32                  | .....         | 186,917.06        | 364.89            | 6,000.00         | 3,360.25              |
| .....             | 16,415.55                  | .....         | 219,287.18        | .....             | 2,305.58         | .....                 |
| 17,875.86         | 57,106.36                  | 25,134.91     | 288,403.18        | 6,511.60          | 33,824.92        | 13,799.80             |
| .....             | .....                      | .....         | 191,185.95        | .....             | .....            | .....                 |
| 7,736.98          | 22,320.66                  | 10,951.96     | 176,464.63        | 3,988.94          | 18,826.28        | 6,399.41              |
| 5,908.65          | 26,380.75                  | 6,798.73      | 119,397.01        | 3,461.91          | 12,449.40        | 6,960.56              |
| 1,151.95          | 7,364.40                   | 1,946.77      | 44,457.27         | 1,432.48          | 3,405.63         | 1,898.98              |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 566.34            | 705.23                     | 1,819.24      | 54,242.60         | 67.36             | 438.07           | 539.76                |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 3,474.80          | .....                      | .....         | .....             | .....             | .....            | .....                 |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 36,714.58         | 143,683.27                 | 46,651.61     | 1,280,354.88      | 15,827.18         | 77,249.88        | 32,958.76             |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 384.43            | 3,716.07                   | 2,226.36      | 50.00             | 3,120.52          | 2,338.50         | 5,120.09              |
| 1,500.00          | 39,500.00                  | 15,200.00     | 50,000.00         | 1,000.00          | 4,000.00         | 12,000.00             |
| 505.70            | 1,037.19                   | 1,904.25      | 67,619.06         | 45.42             | 152.54           | 1,851.27              |
| .....             | 6,137.48                   | 232.91        | 61,392.19         | .....             | .....            | 59.30                 |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 16,241.71         | 157,026.96                 | 20,354.03     | 775,904.60        | 9,462.88          | 69,615.22        | 48,243.02             |
| .....             | .....                      | 75.00         | 8,355.00          | .....             | 554.11           | .....                 |
| .....             | .....                      | .....         | 2,200.00          | .....             | .....            | .....                 |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 55,346.42         | 351,100.97                 | 86,644.16     | 2,245,875.73      | 29,456.00         | 153,910.25       | 100,232.44            |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| .....             | .....                      | .....         | 164,584.42        | .....             | .....            | .....                 |
| 1,733.09          | 34.56                      | 50.35         | 57.10             | 29.16             | 29.90            | 33.08                 |
| .....             | .....                      | .....         | 139,511.77        | .....             | .....            | .....                 |
| .....             | 1,986.06                   | 235.43        | 8,715.54          | 78.23             | .....            | 35.00                 |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 1,733.09          | 2,020.62                   | 285.78        | 312,868.83        | 107.39            | 29.90            | 68.08                 |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 16,241.71         | 157,026.96                 | 20,354.03     | 775,904.60        | 9,462.88          | 69,615.22        | 48,243.02             |
| 3,868.80          | 29,222.92                  | 11,106.94     | 281,020.72        | 4,415.68          | 21,362.47        | 10,649.49             |
| 26.65             | 798.94                     | 149.06        | 48,735.69         | .....             | .....            | .....                 |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 20,137.16         | 187,048.82                 | 31,610.03     | 1,105,661.01      | 13,878.56         | 90,977.69        | 58,892.51             |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 15,000.00         | 58,116.83                  | 20,000.00     | 405,415.58        | 5,014.10          | 24,410.34        | 5,889.32              |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 18,476.17         | 103,914.70                 | 34,748.35     | *421,930.31       | 10,455.95         | 38,492.32        | 35,382.53             |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 33,476.17         | 162,031.53                 | 54,748.35     | 827,345.89        | 15,470.05         | 62,902.66        | 41,271.85             |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 55,346.42         | 351,100.97                 | 86,644.16     | 2,245,875.73      | 29,456.00         | 153,910.25       | 100,232.44            |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 4.4               | 1.0                        | 0.4           | 21.3              | 0.5               | 0.0              | 0.1                   |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Chippawa  | Clifford  | Clinton    | Cobden    | Cobourg    |
|--|-----------|-----------|------------|-----------|------------|
| Population.....  | 1,584     | 451       | 2,405      | 771       | 7,517      |
| <b>ASSETS</b>  | <b>\$</b> | <b>\$</b> | <b>\$</b>  | <b>\$</b> | <b>\$</b>  |
| Lands and buildings.....                                     | 1,434.46  |           | 10,164.94  |           | 32,227.73  |
| Substation equipment.....                                    |           |           | 22,363.98  |           | 1,668.35   |
| Distribution system—overhead....                             | 22,365.02 | 11,109.14 | 31,222.22  | 8,249.87  | 139,554.31 |
| Distribution system—underground.                             |           |           |            |           |            |
| Line transformers.....                                       | 11,774.29 | 5,669.77  | 21,206.60  | 4,174.02  | 51,916.22  |
| Meters.....  | 9,220.22  | 3,579.61  | 16,317.14  | 4,498.67  | 50,225.74  |
| Street light equipment, regular....                          | 8,242.39  | 1,038.17  | 5,798.80   | 2,050.29  | 19,370.71  |
| Street light equipment, ornamental                           |           |           |            |           |            |
| Miscellaneous construction expense                           | 1,473.40  | 576.32    | 4,768.22   | 69.21     | 6,405.68   |
| Steam or hydraulic plant.....                                |           |           |            |           |            |
| Old plant.....   |           |           |            |           |            |
| Total plant.....   | 54,509.78 | 21,973.01 | 111,841.90 | 19,042.06 | 301,368.74 |
| Bank and cash balance.....                                   | 256.39    | 759.85    | 6,935.52   | 9,169.14  |            |
| Securities and investments.....                              | 4,500.00  | 3,500.00  | 3,500.00   |           | 45,000.00  |
| Accounts receivable.....                                     | 85.16     |           | 570.03     | 950.89    | 11,160.55  |
| Inventories.....   | 243.24    |           | 4,821.55   |           | 22,993.02  |
| Sinking fund on local debentures..                           |           |           |            |           |            |
| Equity in H-E.P.C. systems.....                              | 32,663.03 | 15,062.51 | 90,737.22  | 6,856.11  | 121,195.56 |
| Other assets.....  | 0.32      | 17.00     | 50.95      |           | 185.93     |
| Frequency standardization expenditure in suspense.....       |           |           | 8,611.00   |           |            |
| Total assets.....  | 92,257.92 | 41,312.37 | 227,068.17 | 36,018.20 | 501,903.80 |
| <b>LIABILITIES</b>   |           |           |            |           |            |
| Debenture balance.....                                       |           | 1,929.43  |            |           | 14,088.79  |
| Accounts payable.....  | 150.78    | 734.03    | 44.68      | 2,221.97  | 8,638.00   |
| Bank overdraft.....  |           |           |            |           | 7,103.66   |
| Other liabilities.....                                       | 930.00    | 5.00      | 1,529.97   | 117.50    | 5,419.57   |
| Total liabilities.....                                       | 1,080.78  | 2,668.46  | 1,574.65   | 2,339.47  | 35,250.02  |
| <b>RESERVES</b>  |           |           |            |           |            |
| For equity in H-E.P.C. systems....                           | 32,663.03 | 15,062.51 | 90,737.22  | 6,856.11  | 121,195.56 |
| For depreciation.....  | 13,447.10 | 6,565.97  | 33,178.73  | 1,064.28  | 77,433.74  |
| Other reserves.....  |           |           | 439.64     |           |            |
| Total reserves.....  | 46,110.13 | 21,628.48 | 124,355.59 | 7,920.39  | 198,629.30 |
| <b>SURPLUS</b>   |           |           |            |           |            |
| Debentures paid.....   | 13,350.00 | 6,070.57  | 44,500.00  | 4,949.42  | 91,904.71  |
| Local sinking fund.....                                      |           |           |            |           |            |
| Operating surplus.....                                       | 31,717.01 | 10,944.86 | *56,637.93 | 20,808.92 | 176,119.77 |
| Net frequency standardization expense charged this year..... |           |           |            |           |            |
| Total surplus.....   | 45,067.01 | 17,015.43 | 101,137.93 | 25,758.34 | 268,024.48 |
| Total liabilities, reserves and surplus.                     | 92,257.92 | 41,312.37 | 227,068.17 | 36,018.20 | 501,903.80 |
| Percentage of net debt to total assets.                      | 1.8       | 10.2      | 1.2        | 8.0       | 9.3        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



## "A"—Continued

## Utilities as at December 31, 1950

| Colborne<br>1,114 | Coldwater<br>640 | Collingwood<br>7,305 | Comber<br>550 | Cookstown<br>453 | Cottam<br>504 | Courtright<br>505 |
|-------------------|------------------|----------------------|---------------|------------------|---------------|-------------------|
| \$                | \$               | \$                   | \$            | \$               | \$            | \$                |
| 275.00            | 20,235.07        | 498.22               | 70.00         | 475.63           |               |                   |
| 15,356.17         | 14,474.31        | 23,504.35            | 392.95        | 20,075.41        | 12,661.28     | 7,796.32          |
| 85,062.85         | 14,647.02        | 20,075.41            | 12,661.28     | 7,796.32         |               |                   |
| 5,271.42          | 8,561.48         | 51,881.14            | 10,793.56     | 4,704.88         | 4,657.82      | 2,804.16          |
| 6,251.28          | 5,441.45         | 43,774.58            | 4,320.09      | 3,460.02         | 3,812.64      | 2,449.31          |
| 2,629.54          | 3,828.64         | 22,415.32            | 999.78        | 1,543.85         | 464.37        | 470.44            |
| 4,615.50          | 229.83           | 3,402.67             | 243.24        | 37.10            | 225.14        | 8.30              |
| 34,123.91         | 32,810.71        | 250,275.98           | 31,501.91     | 30,284.21        | 22,296.88     | 13,528.53         |
| 662.31            | 6,598.10         | 7,814.60             | 176.02        | 1,711.76         | 4,883.06      | 1,476.61          |
| 5,000.00          | 8,500.00         | 15,000.00            | 10.22         | 120.84           | 3,000.00      | 3,000.00          |
| 2,138.37          | 1,921.60         | 2,762.33             | 73.99         | 80.05            |               | 234.78            |
| 7,569.80          | 74.00            | 8,481.37             |               |                  |               |                   |
| 12,367.91         | 26,353.46        | 264,643.88           | 32,627.04     | 10,835.12        | 9,635.36      | 10,877.77         |
|                   |                  | 4,111.35             |               |                  |               |                   |
| 61,862.30         | 76,257.87        | 553,089.51           | 64,389.18     | 42,951.93        | 39,895.35     | 29,117.69         |
| 1,098.03          | 551.64           | 83.67                | 4,084.25      |                  |               |                   |
| 383.00            | 110.37           | 4,548.21             | 93.23         | 64.25            | 115.71        | 35.00             |
| 1,481.03          | 662.01           | 4,631.88             | 4,177.48      | 64.25            | 115.71        | 35.00             |
| 12,367.91         | 26,353.46        | 264,643.88           | 32,627.04     | 10,835.12        | 9,635.36      | 10,877.77         |
| 4,508.35          | 10,282.15        | 60,574.79            | 5,216.52      | 2,077.55         | 7,415.81      | 3,542.28          |
|                   | 46.00            | 150.00               | 25.38         |                  | 37.95         | 5.24              |
| 16,876.26         | 36,681.61        | 325,368.67           | 37,868.94     | 12,912.67        | 17,089.12     | 14,425.29         |
| 11,096.56         | 6,867.47         | 38,183.42            | 7,700.00      | 12,000.85        | 9,000.22      | 8,138.35          |
| 32,408.45         | 32,046.78        | 184,905.54           | 14,642.76     | 17,974.16        | 13,690.30     | 7,571.42          |
|                   |                  |                      |               |                  |               | 1,052.37          |
| 43,505.01         | 38,914.25        | 223,088.96           | 22,342.76     | 29,975.01        | 22,690.52     | 14,657.40         |
| 61,862.30         | 76,257.87        | 553,089.51           | 64,389.18     | 42,951.93        | 39,895.35     | 29,117.69         |
| 3.0               | 1.3              | 1.6                  | 13.2          | 0.2              | 0.4           | 0.2               |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

### SOUTHERN ONTARIO SYSTEM—Continued

| Municipality .....  | Creemore         | Dashwood         | Delaware         | Delhi             | Deseronto        |
|---|------------------|------------------|------------------|-------------------|------------------|
| Population .....  | 738              | 366              | 332              | 2,506             | 1,473            |
| <b>ASSETS</b>   | <b>\$</b>        | <b>\$</b>        | <b>\$</b>        | <b>\$</b>         | <b>\$</b>        |
| Lands and buildings .....                                     |                  |                  |                  | 2,472.54          | 1,097.41         |
| Substation equipment .....                                    |                  |                  |                  |                   | 161.18           |
| Distribution system—overhead .....                            | 12,085.30        | 4,225.55         | 7,812.95         | 48,191.60         | 19,938.02        |
| Distribution system—underground .....                         |                  |                  |                  |                   |                  |
| Line transformers .....                                       | 6,746.69         | 5,401.77         | 1,970.47         | 27,045.97         | 11,862.75        |
| Meters .....  | 5,372.81         | 2,937.25         | 1,850.82         | 22,300.07         | 8,423.38         |
| Street light equipment, regular .....                         | 358.56           | 364.52           | 245.78           | 6,579.14          | 2,483.52         |
| Street light equipment, ornamental .....                      |                  |                  |                  |                   |                  |
| Miscellaneous construction expense .....                      |                  |                  |                  | 7,535.68          | 2,603.14         |
| Steam or hydraulic plant .....                                |                  |                  |                  |                   |                  |
| Old plant .....   |                  |                  |                  | 28,518.74         |                  |
| <b>Total plant .....</b>                                      | <b>24,563.36</b> | <b>12,929.09</b> | <b>11,880.02</b> | <b>142,643.74</b> | <b>46,569.40</b> |
| Bank and cash balance .....                                   | 6,155.58         | 887.33           | 292.04           | 10,481.82         | 2,526.08         |
| Securities and investments .....                              |                  | 3,000.00         | 2,000.00         | 18,500.00         | 6,000.00         |
| Accounts receivable .....                                     | 242.70           | 123.06           | 98.92            | 12.34             | 3,855.67         |
| Inventories .....   | 60.25            |                  | 1,950.84         | 12,183.89         | 7,022.79         |
| Sinking fund on local debentures .....                        |                  |                  |                  |                   |                  |
| Equity in H-E.P.C. systems .....                              | 22,340.69        | 16,471.69        | 7,053.92         | 23,197.42         | 17,442.84        |
| Other assets .....  | 271.88           |                  |                  | 115.72            |                  |
| Frequency standardization expenditure in suspense .....       |                  |                  | 98.55            | 5.35              |                  |
| <b>Total assets .....</b>                                     | <b>53,634.46</b> | <b>33,411.17</b> | <b>23,374.29</b> | <b>207,140.28</b> | <b>83,416.78</b> |
| <b>LIABILITIES</b>  |                  |                  |                  |                   |                  |
| Debenture balance .....                                       |                  |                  |                  | 44,802.29         |                  |
| Accounts payable .....  | 445.28           | 22.45            | 76.85            | 480.05            | 766.73           |
| Bank overdraft .....  |                  |                  |                  |                   |                  |
| Other liabilities .....                                       | 191.00           |                  | 20.00            | 2,122.14          | 431.89           |
| <b>Total liabilities .....</b>                                | <b>636.28</b>    | <b>22.45</b>     | <b>96.85</b>     | <b>47,404.48</b>  | <b>1,198.62</b>  |
| <b>RESERVES</b>   |                  |                  |                  |                   |                  |
| For equity in H-E.P.C. systems .....                          | 22,340.69        | 16,471.69        | 7,053.92         | 23,197.42         | 17,442.84        |
| For depreciation .....  | 4,042.32         | 3,026.46         | 1,076.55         | 21,436.81         | 3,634.14         |
| Other reserves .....  | 41.00            |                  | 22.53            | 31.22             |                  |
| <b>Total reserves .....</b>                                   | <b>26,424.01</b> | <b>19,498.15</b> | <b>8,153.00</b>  | <b>44,665.45</b>  | <b>21,076.98</b> |
| <b>SURPLUS</b>  |                  |                  |                  |                   |                  |
| Debentures paid .....   | 2,823.61         | 3,400.00         | 4,000.00         | 40,197.71         | 15,000.00        |
| Local sinking fund .....                                      |                  |                  |                  |                   |                  |
| Operating surplus .....                                       | 23,750.56        | 10,490.57        | *11,124.44       | *74,872.64        | 46,141.18        |
| Net frequency standardization expense charged this year ..... |                  |                  |                  |                   |                  |
| <b>Total surplus .....</b>                                    | <b>26,574.17</b> | <b>13,890.57</b> | <b>15,124.44</b> | <b>115,070.35</b> | <b>61,141.18</b> |
| <b>Total liabilities, reserves and surplus .....</b>          | <b>53,634.46</b> | <b>33,411.17</b> | <b>23,374.29</b> | <b>207,140.28</b> | <b>83,416.78</b> |
| Percentage of net debt to total assets .....                  | 2.0              | 0.1              | 0.6              | 25.8              | 1.8              |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

Utilities as of December 31, 1950

| Dorchester<br>483 | Drayton<br>614     | Dresden<br>2,050                 | Drumbo<br>334 | Dublin<br>201 | Dundalk<br>804     | Dundas<br>6,547                     |
|-------------------|--------------------|----------------------------------|---------------|---------------|--------------------|-------------------------------------|
| \$                | \$                 | \$                               | \$            | \$            | \$                 | \$                                  |
| 12,544.56         | 11,525.51          | 23,483.17<br>523.00<br>35,118.03 | 6,610.05      | 6,956.88      | 218.00<br>9,582.51 | 22,277.88<br>25,262.61<br>79,130.43 |
| 5,061.10          | 7,900.22           | 15,696.77                        | 4,844.58      | 3,730.63      | 7,561.27           | 44,008.85                           |
| 4,284.67          | 4,915.08           | 14,711.76                        | 3,253.22      | 1,897.35      | 4,948.46           | 41,048.32                           |
| 3,048.18          | 1,076.65           | 1,843.95                         | 483.79        | 659.43        | 1,418.50           | 12,817.77                           |
| 504.40            | 589.50             | 3,628.52                         |               |               | 163.10             | 3,937.50                            |
| 25,442.91         | 26,006.96          | 95,005.20                        | 15,191.64     | 13,244.29     | 23,891.84          | 228,483.36                          |
| 1,925.97          | 406.10             | 4,186.37                         | 3,081.51      | 5,675.40      | 5,546.25           | 2,727.12                            |
| 5,700.00          | 4,500.00           | 6,500.00                         | 8,500.00      | 1,500.00      | 15,000.00          | 20,500.00                           |
| 94.48             | 330.40             | 2,699.63                         | 638.32        | 115.05        | 135.17             | 2,955.03                            |
| 224.41            |                    | 5,365.49                         | 22.30         |               |                    |                                     |
| 14,724.48         | 24,498.87<br>32.50 | 62,795.61<br>121.74              | 13,032.76     | 10,306.95     | 25,109.67          | 275,782.72<br>917.87                |
| 13.69             |                    |                                  |               |               |                    | 315.00                              |
| 48,125.94         | 55,774.83          | 176,674.04                       | 40,466.53     | 30,841.69     | 69,682.93          | 531,681.10                          |
| 828.75            |                    | 20,000.00<br>5,785.20            | 1,100.76      | 72.60         | 84.55              | 1,180.92<br>6,187.00                |
| 64.22             | 40.00              | 443.00                           | 300.00        | 8.00          |                    | 10,177.12                           |
| 892.97            | 40.00              | 26,228.20                        | 1,400.76      | 80.60         | 84.55              | 17,545.04                           |
| 14,724.48         | 24,498.87          | 62,795.61                        | 13,032.76     | 10,306.95     | 25,109.67          | 275,782.72                          |
| 7,115.42          | 8,384.85           | 5,232.72<br>605.34               | 7,991.00      | 6,859.94      | 8,636.55           | 87,817.05<br>134.66                 |
| 21,839.90         | 32,883.72          | 68,633.67                        | 21,023.76     | 17,166.89     | 33,746.22          | 363,734.43                          |
| 4,300.00          | 9,500.00           | 11,423.24                        | 4,500.00      | 6,200.00      | 5,727.27           | 53,000.00                           |
| *21,093.07        | 13,351.11          | 70,388.93                        | 13,542.01     | 7,394.20      | 30,124.89          | *97,401.63                          |
| 25,393.07         | 22,851.11          | 81,812.17                        | 18,042.01     | 13,594.20     | 35,852.16          | 150,401.63                          |
| 48,125.94         | 55,774.83          | 176,674.04                       | 40,466.53     | 30,841.69     | 69,682.93          | 531,681.10                          |
| 2.7               | 0.1                | 23.0                             | 5.1           | 0.4           | 0.2                | 6.9                                 |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



# STATEMENT

## Balance Sheets of Municipal Electrical

### SOUTHERN ONTARIO SYSTEM—Continued

| Municipality .....  | Dunnville  | Durham     | Dutton    | East York<br>Twp. |
|---|------------|------------|-----------|-------------------|
| Population .....  | 4,440      | 2,294      | 863       | 60,155            |
| ASSETS  | \$         | \$         | \$        | \$                |
| Lands and buildings .....                                     | 7,323.56   | 210.28     | 75.11     | 73,742.35         |
| Substation equipment .....                                    | 40,761.22  |            |           | 207,760.71        |
| Distribution system—overhead .....                            | 53,463.86  | 27,726.10  | 11,794.58 | 659,629.87        |
| Distribution system—underground .....                         |            |            |           |                   |
| Line transformers .....                                       | 38,896.19  | 20,129.75  | 8,120.08  | 318,930.56        |
| Meters .....  | 31,295.55  | 12,359.75  | 4,687.75  | 288,899.74        |
| Street light equipment, regular .....                         | 12,615.54  | 3,671.33   | 2,621.20  | 109,683.82        |
| Street light equipment, ornamental .....                      |            |            |           |                   |
| Miscellaneous construction expense .....                      | 2,607.66   | 1,626.93   | 218.59    | 37,176.84         |
| Steam or hydraulic plant .....                                |            |            |           |                   |
| Old plant .....   |            |            |           |                   |
| Total plant .....   | 186,963.58 | 65,724.14  | 27,517.31 | 1,695,823.89      |
| Bank and cash balance .....                                   | 70.00      | 5,336.75   | 2,216.47  | 40,924.72         |
| Securities and investments .....                              | 30,000.00  | 2,000.00   | 7,500.00  |                   |
| Accounts receivable .....                                     | 1,393.80   | 598.64     | 394.62    | 74,624.89         |
| Inventories .....   | 4,015.14   |            |           | 25,182.80         |
| Sinking fund on local debentures .....                        |            |            |           |                   |
| Equity in H-E.P.C. systems .....                              | 127,191.16 | 57,590.53  | 36,704.02 | 640,647.1         |
| Other assets .....  |            | 163.86     | 1.14      | 606.16            |
| Frequency standardization expenditure in suspense .....       | 170.00     |            |           | 300,718.21        |
| Total assets .....  | 349,803.68 | 131,413.92 | 74,333.56 | 2,778,527.83      |
| LIABILITIES   |            |            |           |                   |
| Debenture balance .....                                       |            |            |           | 430,000.00        |
| Accounts payable .....  |            | 228.09     | 3,454.73  | 196,078.49        |
| Bank overdraft .....  | 8,569.42   |            |           |                   |
| Other liabilities .....                                       | 2,529.61   | 38.00      | 152.36    | 13,225.96         |
| Total liabilities .....                                       | 11,099.03  | 266.09     | 3,607.09  | 639,304.45        |
| RESERVES  |            |            |           |                   |
| For equity in H-E.P.C. systems .....                          | 127,191.16 | 57,590.53  | 36,704.02 | 640,647.16        |
| For depreciation .....  | 55,656.98  | 15,661.09  | 10,324.09 | 283,707.11        |
| Other reserves .....  |            |            |           | 14,190.67         |
| Total reserves .....  | 182,848.14 | 73,251.62  | 47,028.11 | 938,544.94        |
| SURPLUS   |            |            |           |                   |
| Debentures paid .....   | 75,500.00  | 25,323.97  | 8,407.49  | 349,763.36        |
| Local sinking fund .....                                      |            |            |           |                   |
| Operating surplus .....                                       | *80,356.51 | 32,572.24  | 15,290.87 | *850,915.08       |
| Net frequency standardization expense charged this year ..... |            |            |           |                   |
| Total surplus .....   | 155,856.51 | 57,896.21  | 23,698.36 | 1,200,678.44      |
| Total liabilities, reserves and surplus .....                 | 349,803.68 | 131,413.92 | 74,333.56 | 2,778,527.83      |
| Percentage of net debt to total assets .....                  | 5.0        | 0.4        | 9.6       | 34.8              |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## "A"—Continued

## Utilities as at December 31, 1950

| Elmira      | Elmvale   | Elmwood   | Elora      | Embro     | Erieau    | Erie Beach |
|-------------|-----------|-----------|------------|-----------|-----------|------------|
| 2,510       | 785       | .....     | 1,321      | 446       | 404       | 59         |
| \$          | \$        | \$        | \$         | \$        | \$        | \$         |
| 23,888.09   | 156.25    | 1,709.66  | 4,584.26   |           |           |            |
| 47,047.02   | 2,273.07  |           |            |           |           |            |
| 55,167.31   | 15,013.87 | 6,218.09  | 22,333.44  | 12,696.84 | 22,129.01 | 4,466.06   |
| 1,030.41    |           |           |            |           |           |            |
| 34,047.95   | 8,535.25  | 3,105.49  | 16,583.88  | 9,415.34  | 10,955.75 | 1,559.32   |
| 22,108.78   | 7,482.29  | 2,731.53  | 9,411.51   | 3,585.42  | 5,642.75  | 1,603.77   |
| 2,889.33    | 6,009.93  | 721.69    | 1,732.53   | 535.73    | 794.23    | 306.37     |
| 1,160.31    | 45.45     |           | 2,260.70   | 712.44    |           |            |
|             |           |           |            |           |           |            |
| 187,339.20  | 39,516.11 | 14,486.46 | 56,906.32  | 26,945.77 | 39,521.74 | 7,935.52   |
| 16,156.90   | 4,404.98  | 5,625.85  | 191.79     | 4,205.58  | 3,553.71  |            |
|             | 1,500.00  | 3,100.00  | 7,500.00   | 3,500.00  | 1,000.00  | 1,000.00   |
| 8,114.31    | 226.73    | 43.29     | 196.53     | 45.19     | 317.08    | 80.79      |
|             | 14.06     |           | 182.91     |           |           |            |
| 148,351.66  | 27,156.06 | 8,597.02  | 68,974.52  | 21,255.46 | 15,274.22 | 3,310.21   |
| 433.93      |           | 10.41     |            |           | 1,187.40  |            |
| 2,525.00    |           |           |            |           |           |            |
| 362,921.00  | 72,817.94 | 31,863.03 | 133,952.07 | 55,952.00 | 60,854.15 | 12,326.52  |
|             |           |           |            |           |           |            |
| 94.52       | 562.74    | 148.43    | 184.99     | 1,087.09  | 349.96    | 37.78      |
|             |           |           |            |           |           | 1,379.92   |
| 1,305.37    |           | 1,320.00  | 388.25     | 30.00     | 37.50     | 165.00     |
| 1,399.89    | 562.74    | 1,468.43  | 573.24     | 1,117.09  | 387.46    | 1,582.70   |
|             |           |           |            |           |           |            |
| 148,351.66  | 27,156.06 | 8,597.02  | 68,974.52  | 21,255.46 | 15,274.22 | 3,310.21   |
| 42,186.49   | 6,558.24  | 5,039.87  | 20,746.08  | 7,898.63  | 5,887.13  | 498.41     |
|             | 3.68      |           |            |           | 37.41     | 18.90      |
| 190,538.15  | 33,717.98 | 13,636.89 | 89,720.60  | 29,154.09 | 21,198.76 | 3,827.52   |
|             |           |           |            |           |           |            |
| 37,168.50   | 6,544.07  | 6,106.38  | 13,000.00  | 7,500.00  | 6,883.13  | 3,300.00   |
| *133,814.46 | 31,993.15 | 10,651.33 | 30,658.23  | 18,180.82 | 32,384.80 | 3,616.30   |
|             |           |           |            |           |           |            |
| 170,982.96  | 38,537.22 | 16,757.71 | 43,658.23  | 25,680.82 | 39,267.93 | 6,916.30   |
| 362,921.00  | 72,817.94 | 31,863.03 | 133,952.07 | 55,952.00 | 60,854.15 | 12,326.52  |
| 0.7         | 1.2       | 6.0       | 0.9        | 3.2       | 0.9       | 17.6       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Erin      | Essex      | Etobicoke<br>Twp. (V.A.) | Exeter     |
|--|-----------|------------|--------------------------|------------|
| Population.....  | 625       | 2,758      | .....                    | 2,624      |
| <b>ASSETS</b>  | \$        | \$         | \$                       | \$         |
| Lands and buildings.....                                     |           | 11,913.64  | 47,779.91                | 9,954.19   |
| Substation equipment.....                                    |           |            | 96,727.08                |            |
| Distribution system—overhead.....                            | 13,138.39 | 61,184.88  | 877,954.55               | 47,838.12  |
| Distribution system—underground.....                         |           | 442.55     |                          |            |
| Line transformers.....                                       | 2,019.50  | 29,938.33  | 422,327.20               | 27,112.78  |
| Meters.....  | 2,093.12  | 18,168.42  | 244,183.36               | 18,535.52  |
| Street light equipment, regular.....                         | 764.52    | 3,066.35   | 121,922.31               | 5,414.19   |
| Street light equipment, ornamental.....                      |           |            |                          |            |
| Miscellaneous construction expense.....                      | 257.79    | 3,858.33   | 122,766.00               | 4,669.76   |
| Steam or hydraulic plant.....                                |           |            |                          |            |
| Old plant.....   |           |            |                          |            |
| Total plant.....   | 18,273.32 | 128,572.50 | 1,933,660.41             | 113,524.56 |
| Bank and cash balance.....                                   |           | 735.23     | 11,702.68                | 5,262.09   |
| Securities and investments.....                              |           |            | 7,000.00                 | 10,500.00  |
| Accounts receivable.....                                     | 3,122.30  | 1,014.76   | 35,101.08                | 1,569.94   |
| Inventories.....   |           | 5,132.97   | 74,388.21                | 3,206.08   |
| Sinking fund on local debentures.....                        |           |            |                          |            |
| Equity in H-E.P.C. systems.....                              |           | 64,578.05  | 558,157.40               | 85,053.12  |
| Other assets.....  |           |            | 116.42                   | 0.54       |
| Frequency standardization expenditure in suspense.....       |           |            | 23,011.52                | 47.39      |
| Total assets.....  | 21,395.62 | 200,033.51 | 2,643,137.72             | 219,163.72 |
| <b>LIABILITIES</b>   |           |            |                          |            |
| Debenture balance.....                                       | 14,500.00 | 5,426.41   | 513,300.00               |            |
| Accounts payable.....  | 187.44    |            | 304,794.24               |            |
| Bank overdraft.....  | 1,291.10  | 1,694.44   | 79,661.92                |            |
| Other liabilities.....                                       |           | 685.23     | 17,852.68                | 1,570.00   |
| Total liabilities.....                                       | 15,978.54 | 7,806.08   | 915,608.84               | 1,570.00   |
| <b>RESERVES</b>  |           |            |                          |            |
| For equity in H-E.P.C. systems.....                          |           | 64,578.05  | 558,157.40               | 85,053.12  |
| For depreciation.....  | 1,839.40  | 33,818.82  | 205,424.66               | 33,474.82  |
| Other reserves.....  |           | 438.65     | 8,094.94                 | 60.16      |
| Total reserves.....  | 1,839.40  | 98,835.52  | 771,677.00               | 118,588.10 |
| <b>SURPLUS</b>   |           |            |                          |            |
| Debentures paid.....   |           | 17,073.59  | 302,395.40               | 20,000.05  |
| Local sinking fund.....                                      |           |            |                          |            |
| Operating surplus.....                                       | 3,577.68  | 76,318.32  | *653,456.48              | *79,005.57 |
| Net frequency standardization expense charged this year..... |           |            |                          |            |
| Total surplus.....   | 3,577.68  | 93,391.91  | 955,851.88               | 99,005.62  |
| Total liabilities, reserves and surplus.....                 | 21,395.62 | 200,033.51 | 2,643,137.72             | 219,163.72 |
| Percentage of net debt to total assets.....                  | 74.7      | 5.8        | 44.4                     | 1.2        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



## "A"—Continued

## Utilities as at December 31, 1950

| Fergus     | Finch     | Flesherton | Fonthill  | Forest     | Forest Hill  | Frankford |
|------------|-----------|------------|-----------|------------|--------------|-----------|
| 3,291      | 388       | 468        | 1,386     | 1,793      | 16,191       | 1,323     |
| \$         | \$        | \$         | \$        | \$         | \$           | \$        |
| 2,442.52   |           | 408.78     |           | 6,576.61   | 45,946.27    |           |
| 27,539.89  |           |            |           |            | 200,911.97   |           |
| 46,891.21  | 9,181.99  | 7,541.42   | 21,766.60 | 25,940.97  | 257,437.52   | 16,748.86 |
|            |           |            |           |            | 5,152.02     |           |
| 33,872.63  | 4,512.42  | 5,714.67   | 11,424.09 | 19,532.75  | 148,830.74   | 4,362.99  |
| 22,658.69  | 3,481.42  | 3,493.75   | 10,531.03 | 13,839.34  | 85,071.32    | 6,170.29  |
| 7,810.06   | 504.07    | 1,260.28   | 3,505.91  | 7,025.37   | 14,268.32    | 2,748.04  |
|            |           |            |           |            |              |           |
| 2,300.49   | 194.44    | 89.23      | 2,144.52  | 2,588.30   | 25,016.22    | 189.14    |
|            |           |            |           |            |              |           |
|            |           |            |           |            |              |           |
| 143,515.49 | 17,874.34 | 18,508.13  | 49,372.15 | 75,503.34  | 782,634.38   | 30,219.32 |
|            |           |            |           |            |              |           |
| 1,583.65   | 4,556.42  | 5,251.07   | 450.08    | 7,267.22   | 46,302.44    | 6,400.69  |
|            | 6,000.00  | 9,000.00   |           | 33,510.00  | 74,000.00    |           |
| 1,077.38   | 251.05    | 178.13     | 323.12    | 504.43     | 2,527.14     | 435.28    |
| 1,932.39   |           | 19.30      |           | 2,179.36   | 21,882.52    |           |
|            |           |            |           |            |              |           |
| 131,600.01 | 9,719.83  | 12,060.42  | 14,900.33 | 69,127.66  | 418,225.59   | 107.46    |
|            |           |            |           |            |              |           |
|            |           |            |           |            |              |           |
| 240.00     |           |            |           | 1,618.24   | 4,715.62     |           |
|            |           |            |           |            |              |           |
| 279,948.92 | 38,401.64 | 45,017.05  | 65,045.68 | 189,710.25 | 1,350,287.69 | 37,162.75 |
|            |           |            |           |            |              |           |
|            |           |            | 4,000.00  |            | 133,506.91   | 18,000.00 |
| 7,086.67   |           |            |           | 35.78      | 5,982.91     | 1,401.91  |
|            |           |            |           |            |              |           |
| 1,050.94   | 205.95    | 74.00      | 369.30    | 113.86     | 15,230.10    | 588.41    |
|            |           |            |           |            |              |           |
| 8,137.61   | 205.95    | 74.00      | 4,369.30  | 149.64     | 154,719.92   | 19,990.32 |
|            |           |            |           |            |              |           |
|            |           |            |           |            |              |           |
| 131,600.01 | 9,719.83  | 12,060.42  | 14,900.33 | 69,127.66  | 418,225.59   | 107.46    |
| 29,078.17  | 3,950.67  | 5,691.77   | 6,790.91  | 31,339.78  | 208,533.96   | 4,961.64  |
| 198.59     |           |            |           | 85.89      | 750.00       |           |
|            |           |            |           |            |              |           |
| 160,876.77 | 13,670.50 | 17,752.19  | 21,691.24 | 100,553.33 | 627,509.55   | 5,069.10  |
|            |           |            |           |            |              |           |
|            |           |            |           |            |              |           |
| 42,000.00  | 7,000.00  | 5,830.88   | 22,500.00 | 23,357.13  | 229,274.69   | 2,000.00  |
|            |           |            |           |            |              |           |
| *68,934.54 | 17,525.19 | 21,359.98  | 16,485.14 | *65,650.15 | *338,783.53  | 10,103.33 |
|            |           |            |           |            |              |           |
|            |           |            |           |            |              |           |
| 110,934.54 | 24,525.19 | 27,190.86  | 38,985.14 | 89,007.28  | 568,058.22   | 12,103.33 |
|            |           |            |           |            |              |           |
| 279,948.92 | 38,401.64 | 45,017.05  | 65,045.68 | 189,710.25 | 1,350,287.69 | 37,162.75 |
|            |           |            |           |            |              |           |
| 5.5        | 0.7       | 0.2        | 8.7       | 0.1        | 16.7         | 53.9      |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality .....  | Galt         | Georgetown | Glencoe    | Goderich    |
|---|--------------|------------|------------|-------------|
| Population .....  | 18,306       | 3,406      | 922        | 4,991       |
| <b>ASSETS</b>   | <b>\$</b>    | <b>\$</b>  | <b>\$</b>  | <b>\$</b>   |
| Lands and buildings .....                                     | 254,351.29   | 5,586.06   | 3,587.66   | 71,568.46   |
| Substation equipment .....                                    | 217,861.13   | 18,491.00  | .....      | 35,860.04   |
| Distribution system—overhead .....                            | 354,225.87   | 63,688.74  | 27,292.85  | 88,126.15   |
| Distribution system—underground .....                         | 4,230.40     | .....      | .....      | .....       |
| Line transformers .....                                       | 194,208.19   | 45,684.36  | 12,446.64  | 46,761.32   |
| Meters .....  | 128,610.12   | 30,921.12  | 6,649.87   | 36,238.33   |
| Street light equipment, regular .....                         | 95,074.27    | 5,840.20   | 6,483.12   | 10,829.09   |
| Street light equipment, ornamental .....                      | .....        | .....      | .....      | .....       |
| Miscellaneous construction expense .....                      | 25,390.65    | 8,982.33   | 1,616.90   | 13,970.96   |
| Steam or hydraulic plant .....                                | .....        | .....      | .....      | .....       |
| Old plant .....   | .....        | .....      | .....      | .....       |
| Total plant .....   | 1,273,951.92 | 179,193.81 | 58,077.04  | 303,354.35  |
| Bank and cash balance .....                                   | 830.37       | 1,250.61   | 9,302.97   | 13,105.84   |
| Securities and investments .....                              | .....        | 5,067.49   | 15,100.00  | 2,000.00    |
| Accounts receivable .....                                     | 10,529.33    | 427.10     | 913.16     | 6,198.37    |
| Inventories .....   | 81,590.76    | 7,603.23   | 636.65     | 2,996.15    |
| Sinking fund on local debentures .....                        | .....        | .....      | .....      | .....       |
| Equity in H-E.P.C. systems .....                              | 1,079,063.83 | 209,749.06 | 38,915.03  | 236,339.58  |
| Other assets .....  | 83,958.63    | 178.50     | 35.26      | 569.14      |
| Frequency standardization expenditure in suspense .....       | 21,720.08    | .....      | 55.71      | 31.00       |
| Total assets .....  | 2,551,644.92 | 403,469.80 | 123,035.82 | 564,594.43  |
| <b>LIABILITIES</b>  | .....        | .....      | .....      | .....       |
| Debenture balance .....                                       | .....        | .....      | .....      | 4,823.47    |
| Accounts payable .....  | 230.04       | 8,748.64   | 2,741.97   | 9,589.01    |
| Bank overdraft .....  | 22,283.33    | .....      | .....      | .....       |
| Other liabilities .....                                       | 9,023.98     | 4,538.75   | 357.42     | 4,250.81    |
| Total liabilities .....                                       | 31,537.35    | 13,287.39  | 3,099.39   | 18,663.29   |
| <b>RESERVES</b>   | .....        | .....      | .....      | .....       |
| For equity in H-E.P.C. systems .....                          | 1,079,063.83 | 209,749.06 | 38,915.03  | 236,339.58  |
| For depreciation .....  | 516,393.28   | 41,313.15  | 19,337.27  | 114,133.65  |
| Other reserves .....  | 5,353.52     | .....      | 351.64     | 819.63      |
| Total reserves .....  | 1,600,810.63 | 251,062.21 | 58,603.94  | 351,292.86  |
| <b>SURPLUS</b>  | .....        | .....      | .....      | .....       |
| Debentures paid .....   | 518,001.95   | 20,000.00  | 20,112.88  | 91,264.58   |
| Local sinking fund .....                                      | .....        | .....      | .....      | .....       |
| Operating surplus .....                                       | *401,294.99  | 119,120.20 | *41,219.61 | *103,373.70 |
| Net frequency standardization expense charged this year ..... | .....        | .....      | .....      | .....       |
| Total surplus .....   | 919,296.94   | 139,120.20 | 61,332.49  | 194,638.28  |
| Total liabilities, reserves and surplus .....                 | 2,551,644.92 | 403,469.80 | 123,035.82 | 564,594.43  |
| Percentage of net debt to total assets .....                  | 2.1          | 6.9        | 3.7        | 5.7         |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## "A"—Continued

## Utilities as at December 31, 1950

| Grand Valley<br>591 | Granton<br>257  | Gravenhurst<br>3,365                      | Grimsby<br>2,574 | Guelph<br>26,617                            | Hagersville<br>1,696                  | Hamilton<br>196,246                                |
|---------------------|-----------------|---|------------------|---|---------------------------------------|--|
| \$<br>36.50         | \$<br>14,185.56 | \$<br>15,684.91<br>10,936.03<br>47,113.74 | \$<br>49,807.22  | \$<br>25,257.87<br>222,444.99<br>398,014.20 | \$<br>2,500.00<br>864.37<br>25,607.88 | \$<br>1,780,575.62<br>3,185,195.43<br>1,872,179.13 |
| 6,378.38            | 3,161.77        | 1,941.77                                  | 23,365.31        | 28,847.47                                   | 19,647.11                             | 1,157,995.21                                       |
| 5,872.52            | 2,230.28        | 24,275.66                                 | 22,534.17        | 211,156.52                                  | 14,250.51                             | 1,481,592.04                                       |
| 1,104.37            | 180.78          | 8,123.61                                  | 5,444.68         | 163,856.20                                  | 1,311.22                              | 1,186,122.98                                       |
|                     |                 | 1,228.74                                  |                  | 51,885.71                                   |                                       | 427,737.68   |
|                     |                 |   |                  | 11,111.43                                   | 2,112.41                              | 83,403.00  |
| 27,577.33           | 12,214.00       | 132,669.77                                | 106,267.12       | 1,112,574.39                                | 66,293.50                             | 11,174,801.09                                      |
| 3,286.26            | 1,158.18        | 2,673.08                                  | 2,176.34         | 13,227.64                                   | 2,830.98                              | 120,146.38   |
| 11,000.00           |                 | 12,000.00                                 | 36,000.00        |   | 32,000.00                             | 1,050,000.00                                       |
| 119.29              | 82.82           | 1,281.63                                  | 173.71           | 13,076.64                                   | 289.69                                | 758,755.91   |
|                     |                 | 1,185.75                                  | 81.84            | 59,920.64                                   | 343.16                                | 427,161.72   |
| 23,077.24           | 14,504.05       | 70,392.72                                 | 20,301.77        | 1,265,510.75                                | 140,565.08                            | 11,488,697.02                                      |
|                     |                 | 7.10                                      |                  | 80.00                                       | 1.86                                  | 128,572.58   |
|                     |                 |   | 75.00            | 496.70                                      |                                       | 16,372.62  |
| 65,060.12           | 27,959.05       | 220,210.05                                | 165,075.78       | 2,464,886.76                                | 242,324.27                            | 25,164,507.32                                      |
|                     | 895.55          | 145.80                                    | 1,688.60         | 95,000.00<br>51,751.83                      | 130.03                                | 505,175.37   |
|                     | 45.00           | 1,440.00                                  | 1,619.29         | 11,040.25                                   | 669.43                                | 39,858.38  |
|                     | 940.55          | 1,585.80                                  | 3,307.89         | 157,792.08                                  | 799.46                                | 545,033.75   |
| 23,077.24           | 14,504.05       | 70,392.72                                 | 20,301.77        | 1,265,510.75                                | 140,565.08                            | 11,488,697.02                                      |
| 13,878.44           | 1,843.87        | 31,990.73                                 | 18,745.97        | 334,604.39                                  | 25,118.56                             | 2,529,478.83                                       |
|                     | 60.00           | 472.91                                    |                  | 701.57                                      |                                       | 1,543,512.54                                       |
| 36,955.68           | 16,407.92       | 102,856.36                                | 39,047.74        | 1,600,816.71                                | 165,683.64                            | 15,561,688.39                                      |
| 10,794.30           | 3,500.00        | 44,278.97                                 | 85,344.00        | 150,000.00                                  | 8,000.00                              | 4,060,275.19                                       |
| 17,310.14           | 7,110.58        | 71,488.92                                 | *37,376.15       | *556,277.97                                 | 67,841.17                             | *5,000,340.08                                      |
|                     |                 |   |                  |   |                                       | 2,830.09   |
| 28,104.44           | 10,610.58       | 115,767.89                                | 122,720.15       | 706,277.97                                  | 75,841.17                             | 9,057,785.18                                       |
| 65,060.12           | 27,959.05       | 220,210.05                                | 165,075.78       | 2,464,886.76                                | 242,324.27                            | 25,164,507.32                                      |
| 0.0                 | 7.0             | 1.0                                       | 2.3              | 13.2  | 0.8                                   | 3.9  |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



# STATEMENT Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Hanover    | Harriston  | Harrow     | Hastings  | Havelock  |
|---|------------|------------|------------|-----------|-----------|
| Population.....   | 3,766      | 1,536      | 1,503      | 800       | 1,246     |
| ASSETS  | \$         | \$         | \$         | \$        | \$        |
| Lands and buildings.....  | 25,651.71  | 395.25     | 2,318.16   |           |           |
| Substation equipment.....   | 9,271.19   | 600.00     |            |           | 572.90    |
| Distribution system—overhead....                                  | 63,002.48  | 35,535.51  | 30,395.50  | 24,177.29 | 22,293.93 |
| Distribution system—underground..                                 |            |            |            |           |           |
| Line transformers.....  | 37,709.89  | 17,639.48  | 17,948.96  | 6,071.39  | 5,422.23  |
| Meters.....   | 27,009.85  | 11,396.20  | 11,665.69  | 6,757.80  | 8,303.20  |
| Street light equipment, regular....                               | 5,894.96   | 6,265.43   | 3,292.36   | 1,577.62  | 2,074.57  |
| Street light equipment, ornamental..                              |            |            |            |           |           |
| Miscellaneous construction expense                                | 5,758.12   | 3,175.29   | 45.61      | 669.85    | 6,286.86  |
| Steam or hydraulic plant.....                                     |            |            |            |           |           |
| Old plant.....  |            |            |            | 1,733.13  |           |
| Total plant.....  | 174,298.20 | 75,007.16  | 65,666.28  | 40,987.08 | 44,953.69 |
| Bank and cash balance.....  | 3,223.85   | 1,445.38   | 5,766.88   | 2,613.30  | 3,952.89  |
| Securities and investments.....                                   | 87,938.18  |            | 13,700.00  | 6,000.00  | 14,500.00 |
| Accounts receivable.....  | 1,314.12   | 930.40     | 772.99     | 116.19    | 37.92     |
| Inventories.....  | 547.80     | 45.63      | 422.44     |           |           |
| Sinking fund on local debentures..                                |            |            |            |           |           |
| Equity in H-E.P.C. systems.....                                   | 154,865.51 | 66,154.62  | 55,719.23  | 9,345.46  | 23,190.84 |
| Other assets.....   |            | 3,731.62   |            |           |           |
| Frequency standardization expendi-<br>ture in suspense.....       |            | 350.88     |            |           |           |
| Total assets.....   | 422,187.66 | 147,665.69 | 142,047.82 | 59,062.03 | 86,635.34 |
| LIABILITIES   |            |            |            |           |           |
| Debenture balance.....  |            |            |            | 1,665.66  |           |
| Accounts payable.....   |            | 3,266.14   | 288.03     | 396.12    | 189.91    |
| Bank overdraft.....   |            |            |            |           |           |
| Other liabilities.....  | 1,242.00   | 162.21     | 550.00     | 603.47    | 133.00    |
| Total liabilities.....  | 1,242.00   | 3,428.35   | 838.03     | 2,665.25  | 322.91    |
| RESERVES  |            |            |            |           |           |
| For equity in H-E.P.C. systems....                                | 154,865.51 | 66,154.62  | 55,719.23  | 9,345.46  | 23,190.84 |
| For depreciation.....   | 83,684.18  | 19,388.80  | 20,266.78  | 9,647.99  | 16,121.20 |
| Other reserves.....   |            |            | 130.17     |           |           |
| Total reserves.....   | 238,549.69 | 85,543.42  | 76,116.18  | 18,993.45 | 39,312.04 |
| SURPLUS   |            |            |            |           |           |
| Debentures paid.....  | 80,162.29  | 25,818.03  | 12,000.00  | 19,334.34 | 26,234.18 |
| Local sinking fund.....   |            |            |            |           |           |
| Operating surplus.....  | 102,233.68 | *32,875.89 | 53,093.61  | 18,068.99 | 20,766.21 |
| Net frequency standardization ex-<br>pense charged this year..... |            |            |            |           |           |
| Total surplus.....  | 182,395.97 | 58,693.92  | 65,093.61  | 37,403.33 | 47,000.39 |
| Total liabilities, reserves and surplus.                          | 422,187.66 | 147,665.69 | 142,047.82 | 59,062.03 | 86,635.34 |
| Percentage of net debt to total assets.                           | 0.5        | 4.2        | 1.0        | 5.3       | 0.5       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## "A"—Continued

## Utilities as of December 31, 1950

| Hensall<br>666 | Hespeler<br>3,696                   | Highgate<br>355 | Holstein<br>176 | Humber-<br>stone<br>3,722 | Huntsville<br>3,340           | Ingersoll<br>6,431                  |
|----------------|-------------------------------------|-----------------|-----------------|---------------------------|-------------------------------|-------------------------------------|
| \$             | \$                                  | \$              | \$              | \$                        | \$                            | \$                                  |
| 16,584.88      | 17,571.77<br>62,110.62<br>52,190.04 | 10,159.36       | 2,795.59        | 26,809.12<br>37,765.94    | 353.52<br>647.30<br>34,226.03 | 17,720.11<br>51,338.29<br>76,264.39 |
| 12,640.16      | 47,583.32                           | 3,755.63        | 2,053.41        | 22,024.99                 | 31,822.17                     | 63,015.86                           |
| 6,423.36       | 20,910.51                           | 2,326.94        | 1,280.62        | 17,954.79                 | 23,825.21                     | 45,846.81                           |
| 3,556.77       | 14,916.84                           | 3,090.72        | 215.54          | 1,739.26                  | 10,910.03                     | 7,487.72                            |
| 251.28         | 5,226.05                            |                 | 53.51           | 3,514.26                  | 1,112.95                      | 2,190.39                            |
| 39,456.45      | 220,509.15                          | 19,332.65       | 6,398.67        | 109,808.36                | 102,897.21                    | 263,863.57                          |
| 5,396.00       | 7,750.88                            | 1,165.24        | 2,252.84        | 447.93                    | 169.32                        | 5,116.90                            |
| 10,000.00      | 10,000.00                           | 3,000.00        | 4,500.00        |                           | 7,000.00                      |                                     |
| 92.64          | 18,250.30                           | 22.99           |                 | 17.45                     | 2,135.96                      | 1,869.05                            |
|                | 875.15                              |                 |                 | 1,535.48                  | 8,507.93                      | 1,254.40                            |
| 32,551.96      | 240,246.88                          | 17,420.37       | 4,983.47        | 45,674.77                 | 119,923.90                    | 354,658.77                          |
| 15.00          | 427.77                              |                 |                 | 116.67                    | 412.98                        | 1,924.33                            |
|                | 2,305.00                            |                 |                 |                           |                               | 155.00                              |
| 87,512.05      | 500,365.13                          | 40,941.25       | 18,134.98       | 157,600.66                | 241,047.30                    | 628,842.02                          |
|                | 1,019.93                            | 5.96            | 500.00          | 3,163.30                  |                               | 17,715.38                           |
| 20.00          | 1,775.00                            | 80.00           | 50.00           | 1,478.70                  | 931.77                        | 2,740.35                            |
| 20.00          | 2,794.93                            | 85.96           | 550.00          | 4,642.00                  | 931.77                        | 20,455.73                           |
| 32,551.96      | 240,246.88                          | 17,420.37       | 4,983.47        | 45,674.77                 | 119,923.90                    | 354,658.77                          |
| 14,602.21      | 24,436.42                           | 7,665.41        | 2,163.74        | 10,328.00                 | 19,712.00                     | 43,145.78                           |
|                | 105.17                              |                 |                 |                           | 129.14                        | 231.22                              |
| 47,154.17      | 264,788.47                          | 25,085.78       | 7,147.21        | 56,002.77                 | 139,765.04                    | 398,035.77                          |
| 12,000.00      | 77,570.51                           | 5,000.00        | 2,762.05        | 32,000.00                 | 15,697.39                     | 79,800.00                           |
| 28,337.88      | *155,211.22                         | 10,769.51       | 7,675.72        | 64,955.89                 | 84,653.10                     | *130,550.52                         |
| 40,337.88      | 232,781.73                          | 15,769.51       | 10,437.77       | 96,955.89                 | 100,350.49                    | 210,350.52                          |
| 87,512.05      | 500,365.13                          | 40,941.25       | 18,134.98       | 157,600.66                | 241,047.30                    | 628,842.02                          |
| 0.0            | 1.1                                 | 0.4             | 4.2             | 4.1                       | 0.8                           | 7.5                                 |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

**STATEMENT**  
**Balance Sheets of Municipal Electrical**

**SOUTHERN ONTARIO SYSTEM—Continued**

| Municipality.....  | Iroquois  | Jarvis    | Kemptville | Kincardine |
|--|-----------|-----------|------------|------------|
| Population.....  | 1,036     | 644       | 1,542      | 2,790      |
| <b>ASSETS</b>  | \$        | \$        | \$         | \$         |
| Lands and buildings.....                                     | 281.20    |           | 5,035.34   | 6,740.17   |
| Substation equipment.....                                    | 100.00    |           |            | 7,512.39   |
| Distribution system—overhead.....                            | 12,360.73 | 12,776.28 | 30,230.50  | 63,391.92  |
| Distribution system—underground.....                         |           |           |            |            |
| Line transformers.....                                       | 4,522.13  | 8,032.24  | 18,146.05  | 30,727.75  |
| Meters.....  | 6,374.18  | 4,007.55  | 13,283.79  | 20,203.97  |
| Street light equipment, regular.....                         | 2,676.23  | 977.33    | 1,267.40   | 10,448.89  |
| Street light equipment, ornamental.....                      |           |           |            |            |
| Miscellaneous construction expense..                         | 346.27    | 156.16    | 556.45     | 263.21     |
| Steam or hydraulic plant.....                                |           |           |            |            |
| Old plant.....   | 575.00    |           |            |            |
| Total plant.....   | 27,235.74 | 25,949.56 | 68,519.53  | 139,288.30 |
| Bank and cash balance.....                                   | 1,466.33  | 634.83    | 1,865.00   | 10,427.89  |
| Securities and investments.....                              | 10,000.00 | 10,000.00 | 6,000.00   | 25,000.00  |
| Accounts receivable.....                                     | 321.30    | 377.13    | 3,112.86   | 824.64     |
| Inventories.....   | 820.42    |           | 3,549.87   |            |
| Sinking fund on local debentures.....                        |           |           |            |            |
| Equity in H-E.P.C. systems.....                              | 6,961.60  | 28,842.26 | 41,032.89  | 86,550.05  |
| Other assets.....  |           | 937.09    |            | 353.56     |
| Frequency standardization expenditure in suspense.....       |           |           |            |            |
| Total assets.....  | 46,805.39 | 66,740.87 | 124,080.15 | 262,444.44 |
| <b>LIABILITIES</b>   |           |           |            |            |
| Debenture balance.....                                       |           |           |            |            |
| Accounts payable.....  | 188.05    | 423.13    | 831.16     | 70.48      |
| Bank overdraft.....  |           |           |            |            |
| Other liabilities.....                                       | 486.60    |           | 3,216.69   | 702.32     |
| Total liabilities.....                                       | 674.65    | 423.13    | 4,047.85   | 772.80     |
| <b>RESERVES</b>  |           |           |            |            |
| For equity in H-E.P.C. systems.....                          | 6,961.60  | 28,842.26 | 41,032.89  | 86,550.05  |
| For depreciation.....  | 4,752.52  | 1,539.33  | 12,766.80  | 29,403.78  |
| Other reserves.....  |           |           | 354.98     | 39.62      |
| Total reserves.....  | 11,714.12 | 30,381.59 | 54,154.67  | 115,993.45 |
| <b>SURPLUS</b>   |           |           |            |            |
| Debentures paid.....   |           | 10,500.00 | 19,506.62  | 60,000.00  |
| Local sinking fund.....                                      |           |           |            |            |
| Operating surplus.....                                       | 34,416.62 | 25,436.15 | 46,371.01  | 85,678.19  |
| Net frequency standardization expense charged this year..... |           |           |            |            |
| Total surplus.....   | 34,416.62 | 35,936.15 | 65,877.63  | 145,678.19 |
| Total liabilities, reserves and surplus...                   | 46,805.39 | 66,740.87 | 124,080.15 | 262,444.44 |
| Percentage of net debt to total assets...                    | 1.7       | 1.1       | 4.9        | 0.4        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



## “A”—Continued

## Utilities as at December 31, 1950

| Kingston     | Kingsville | Kirkfield | Kitchener     | Lakefield  | Lambeth   | Lanark    |
|--------------|------------|-----------|---------------|------------|-----------|-----------|
| 32,924       | 2,560      | 165       | 43,084        | 1,740      | 867       | 748       |
| \$           | \$         | \$        | \$            | \$         | \$        | \$        |
| 366,112.59   | 8,730.87   |           | 333,219.50    | 3,532.97   |           |           |
| 390,601.89   |            |           | 653,621.11    |            |           |           |
| 360,111.48   | 46,060.80  | 6,248.10  | 701,746.38    | 30,109.92  | 20,054.31 | 13,007.57 |
| 363,575.18   |            |           | 216,751.90    |            |           |           |
| 205,637.33   | 21,738.21  | 1,621.50  | 403,304.97    | 15,227.15  | 6,592.87  | 7,392.12  |
| 208,537.52   | 22,106.05  | 1,160.66  | 286,570.53    | 12,031.58  | 6,437.91  | 4,873.70  |
| 95,114.30    | 2,387.01   | 471.81    | 95,653.71     | 3,184.47   | 1,248.80  | 1,555.77  |
|              |            |           |               |            |           |           |
| 19,407.56    | 1,002.05   |           | 63,868.37     | 1,792.41   |           | 30.82     |
| 17,364.60    |            |           |               |            |           |           |
|              |            |           |               | 3,445.25   |           |           |
|              |            |           |               |            |           |           |
| 2,026,462.45 | 102,024.99 | 9,502.07  | 2,754,736.47  | 69,323.75  | 34,333.89 | 26,859.98 |
|              |            |           |               |            |           |           |
| 873.04       | 3,014.56   | 1,848.29  | 175.00        | 6,827.19   | 3,238.77  | 8,551.63  |
| 230,000.00   | 21,500.00  | 3,000.00  |               | 25,000.00  |           |           |
| 89,965.26    | 900.95     | 216.08    | 161,836.37    | 385.47     | 1,793.27  |           |
| 57,321.97    | 2,554.25   |           | 111,370.14    | 2,339.84   |           |           |
|              |            |           |               |            |           |           |
| 421,380.04   | 80,989.50  | 5,945.38  | 2,575,654.01  | 28,973.90  | 18,775.36 | 12,913.15 |
| 285.91       |            |           | 2,126.22      |            |           |           |
|              |            |           |               |            |           |           |
|              | 2,742.12   |           | 1,102.80      |            |           |           |
|              |            |           |               |            |           |           |
| 2,826,288.67 | 213,726.37 | 20,511.82 | 5,607,001.01  | 132,850.15 | 58,141.29 | 48,324.76 |
|              |            |           |               |            |           |           |
|              | 8,433.17   |           |               |            | 11,500.00 |           |
| 81,329.95    | 939.71     | 883.22    | 129,570.96    | 1,051.20   | 3,055.92  | 25.35     |
| 26,813.00    |            |           | 102,546.38    |            |           |           |
| 14,135.87    | 2,569.75   |           | 13,361.32     | 579.53     | 185.00    | 120.00    |
|              |            |           |               |            |           |           |
| 122,278.82   | 11,942.63  | 883.22    | 245,478.66    | 1,630.73   | 14,740.92 | 145.35    |
|              |            |           |               |            |           |           |
|              |            |           |               |            |           |           |
| 421,380.04   | 80,989.50  | 5,945.38  | 2,575,654.01  | 28,973.90  | 18,775.36 | 12,913.15 |
| 531,986.25   | 35,925.51  | 4,117.01  | 588,689.73    | 20,476.39  | 8,167.50  | 2,974.69  |
| 250,000.00   | 388.66     | 200.00    | 6,402.69      |            | 16.85     |           |
|              |            |           |               |            |           |           |
| 1,203,366.29 | 117,303.67 | 10,262.39 | 3,170,746.43  | 49,450.29  | 26,959.71 | 15,887.84 |
|              |            |           |               |            |           |           |
|              |            |           |               |            |           |           |
| 274,339.08   | 25,066.83  | 5,765.89  | 737,150.00    | 30,365.63  | 4,000.00  | 7,316.57  |
| 1,226,304.48 | *59,413.24 | 3,600.32  | *1,453,625.92 | 51,403.50  | 12,440.66 | 24,975.00 |
|              |            |           |               |            |           |           |
|              |            |           |               |            |           |           |
| 1,500,643.56 | 84,480.07  | 9,366.21  | 2,190,775.92  | 81,769.13  | 16,440.66 | 32,291.57 |
|              |            |           |               |            |           |           |
| 2,826,288.67 | 213,726.37 | 20,511.82 | 5,607,001.01  | 132,850.15 | 58,141.29 | 48,324.76 |
|              |            |           |               |            |           |           |
| 5.1          | 9.0        | 6.1       | 8.1           | 1.6        | 37.5      | 0.4       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

### SOUTHERN ONTARIO SYSTEM—Continued

| Municipality .....  | Lancaster | La Salle   | Leaming-ton | Lindsay    | Listowel   |
|---|-----------|------------|-------------|------------|------------|
| Population .....  | 534       | 1,580      | 7,525       | 9,349      | 3,255      |
| <b>ASSETS</b>   | <b>\$</b> | <b>\$</b>  | <b>\$</b>   | <b>\$</b>  | <b>\$</b>  |
| Lands and buildings .....                                     |           | 1,210.68   | 36,105.25   | 20,600.15  | 1,459.49   |
| Substation equipment .....                                    |           |            | 8,288.84    | 3,176.56   | 3,848.00   |
| Distribution system—overhead .....                            | 8,905.31  | 41,040.47  | 87,565.52   | 149,115.27 | 69,143.19  |
| Distribution system—underground .....                         |           |            | 38,036.91   | 23,601.52  | 7,090.76   |
| Line transformers .....                                       | 2,227.75  | 15,100.76  | 46,825.20   | 69,080.23  | 37,028.52  |
| Meters .....  | 2,715.80  | 11,436.37  | 46,463.52   | 65,047.52  | 26,356.25  |
| Street light equipment, regular .....                         | 650.65    | 1,807.17   | 4,195.32    | 15,876.58  | 5,505.73   |
| Street light equipment, ornamental .....                      |           |            |             |            |            |
| Miscellaneous construction expense .....                      | 14.95     | 736.87     | 1,979.47    | 8,887.16   | 5,913.28   |
| Steam or hydraulic plant .....                                |           |            |             |            |            |
| Old plant .....   |           |            |             |            |            |
| Total plant .....   | 14,514.46 | 71,332.32  | 269,460.03  | 355,384.99 | 156,345.22 |
| Bank and cash balance .....                                   | 3,444.01  |            | 2,374.18    | 494.62     | 6,803.63   |
| Securities and investments .....                              | 3,000.00  |            | 2,000.00    | 15,000.00  | 5,000.00   |
| Accounts receivable .....                                     | 577.64    | 3,168.53   | 5,254.08    | 1,641.01   | 1,065.76   |
| Inventories .....   |           | 163.67     | 10,092.29   | 14,472.34  | 538.85     |
| Sinking fund on local debentures .....                        |           |            |             |            |            |
| Equity in H-E.P.C. systems .....                              | 11,204.28 | 30,090.85  | 188,860.29  | 226,954.30 | 157,829.17 |
| Other assets .....  |           | 8.78       | 0.36        |            | 160.09     |
| Frequency standardization expenditure in suspense .....       |           |            | 10.00       |            | 196.60     |
| Total assets .....  | 32,740.39 | 104,764.15 | 478,051.23  | 613,947.26 | 327,939.32 |
| <b>LIABILITIES</b>  |           |            |             |            |            |
| Debenture balance .....                                       |           |            |             |            |            |
| Accounts payable .....  | 497.73    | 15,413.95  | 55.35       |            | 441.64     |
| Bank overdraft .....  |           | 122.24     |             |            |            |
| Other liabilities .....                                       | 142.86    | 939.74     | 4,010.56    | 6,565.80   | 1,070.49   |
| Total liabilities .....                                       | 640.59    | 16,475.93  | 4,065.91    | 6,565.80   | 1,512.13   |
| <b>RESERVES</b>   |           |            |             |            |            |
| For equity in H-E.P.C. systems .....                          | 11,204.28 | 30,090.85  | 188,860.29  | 226,954.30 | 157,829.17 |
| For depreciation .....  | 5,328.36  | 15,465.17  | 66,785.80   | 69,528.85  | 70,084.86  |
| Other reserves .....  |           | 164.06     | 116.75      |            |            |
| Total reserves .....  | 16,532.64 | 45,720.08  | 255,762.84  | 296,483.15 | 227,914.03 |
| <b>SURPLUS</b>  |           |            |             |            |            |
| Debentures paid .....   | 8,916.82  | 15,500.00  | 48,000.00   | 129,313.04 | 43,189.89  |
| Local sinking fund .....                                      |           |            |             |            |            |
| Operating surplus .....                                       | 6,650.34  | 27,068.14  | *170,222.48 | 181,585.27 | *55,323.27 |
| Net frequency standardization expense charged this year ..... |           |            |             |            |            |
| Total surplus .....   | 15,567.16 | 42,568.14  | 218,222.48  | 310,898.31 | 98,513.16  |
| Total liabilities, reserves and surplus .....                 | 32,740.39 | 104,764.15 | 478,051.23  | 613,947.26 | 327,939.32 |
| Percentage of net debt to total assets .....                  | 2.9       | 22.1       | 1.4         | 1.7        | 0.9        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as at December 31, 1950

| London<br>94,027 | London<br>Twp. (V.A.)<br>..... | Long<br>Branch<br>8,044 | Lucan<br>915 | Lucknow<br>891 | Lynden<br>434 | Madoc<br>1,624 |
|------------------|--------------------------------|-------------------------|--------------|----------------|---------------|----------------|
| \$               | \$                             | \$                      | \$           | \$             | \$            | \$             |
| 526,894.37       | .....                          | .....                   | 375.45       | .....          | 241.18        | 100.00         |
| 1,545,810.63     | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 1,051,941.01     | 37,378.39                      | 93,082.72               | 16,628.20    | 26,886.86      | 7,234.04      | 32,095.65      |
| 844,334.19       | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 762,701.09       | 16,329.04                      | 52,242.72               | 8,347.63     | 15,732.98      | 5,068.68      | 9,107.17       |
| 612,285.63       | 12,204.61                      | 40,764.56               | 6,140.66     | 7,842.99       | 3,563.16      | 9,210.71       |
| 109,441.67       | 2,142.23                       | 20,510.82               | 5,034.81     | 3,911.43       | 711.23        | 1,677.96       |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 314,856.31       | 237.82                         | 37.15                   | 1,596.28     | 621.99         | .....         | 183.27         |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 5,768,264.90     | 68,292.09                      | 206,637.97              | 38,123.03    | 54,996.25      | 16,818.29     | 52,374.76      |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 17,880.35        | .....                          | 1,796.57                | 3,019.80     | 5,010.92       | 839.89        | 5,390.72       |
| 206,500.00       | 4,000.00                       | 55,000.00               | 5,500.00     | 22,000.00      | 3,000.00      | .....          |
| 305,077.95       | 649.22                         | 13,643.58               | 53.91        | 338.86         | 100.95        | 551.82         |
| 269,498.74       | .....                          | .....                   | .....        | .....          | .....         | 3,171.65       |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 4,574,692.00     | 45,349.79                      | 76,302.15               | 33,255.46    | 41,563.25      | 22,826.94     | 18,373.39      |
| 154,456.01       | .....                          | .....                   | 5.00         | .....          | .....         | .....          |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 109,101.30       | 62.86                          | 955.00                  | 12.00        | .....          | .....         | .....          |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 11,405,471.25    | 118,353.96                     | 354,335.27              | 79,969.20    | 123,909.28     | 43,586.07     | 79,862.34      |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 185,608.80       | 1,805.27                       | 18,603.98               | 1,338.34     | 2,180.70       | 195.34        | 998.34         |
| 243,374.85       | 1,012.24                       | .....                   | .....        | .....          | .....         | .....          |
| 21,600.04        | 404.00                         | 3,796.57                | 607.00       | .....          | 19.32         | 500.84         |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 450,583.69       | 3,221.51                       | 22,400.55               | 1,945.34     | 2,180.70       | 214.66        | 1,499.18       |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 4,574,692.00     | 45,349.79                      | 76,302.15               | 33,255.46    | 41,563.25      | 22,826.94     | 18,373.39      |
| 2,118,057.12     | 18,345.81                      | 34,027.54               | 11,301.48    | 3,769.83       | 5,241.44      | 3,656.00       |
| 208,539.16       | 3.82                           | 339.01                  | .....        | 490.75         | .....         | .....          |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 6,901,288.28     | 63,699.42                      | 110,668.70              | 44,556.94    | 45,823.83      | 28,068.38     | 22,029.39      |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 1,732,047.27     | 19,000.00                      | 40,304.60               | 11,213.62    | 17,614.08      | 4,495.00      | 14,000.00      |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| *2,360,899.17    | *32,433.03                     | *180,961.42             | *22,253.30   | 58,290.67      | 10,808.03     | 42,333.77      |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 39,347.16        | .....                          | .....                   | .....        | .....          | .....         | .....          |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 4,053,599.28     | 51,433.03                      | 221,266.02              | 33,466.92    | 75,904.75      | 15,303.03     | 56,333.77      |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 11,405,471.25    | 118,353.96                     | 354,335.27              | 79,969.20    | 123,909.28     | 43,586.07     | 79,862.34      |
| .....            | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 6.6              | 4.4                            | 8.1                     | 4.16         | 2.6            | 1.0           | 2.4            |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality  | Markdale  | Markham    | Marmora   | Martin-<br>town | Maxville  |
|---|-----------|------------|-----------|-----------------|-----------|
| Population  | 966       | 1,562      | 1,081     | 125             | 754       |
| <b>ASSETS</b>   | \$        | \$         | \$        | \$              | \$        |
| Lands and buildings                                     | 780.80    |            |           | 126.15          |           |
| Substation equipment                                    |           |            |           |                 | 407.79    |
| Distribution system—overhead                            | 17,019.92 | 31,006.22  | 16,325.54 | 3,829.00        | 14,640.67 |
| Distribution system—underground                         |           |            |           |                 |           |
| Line transformers                                       | 11,140.54 | 18,640.56  | 7,393.32  | 1,843.77        | 5,677.25  |
| Meters  | 8,383.33  | 11,861.49  | 5,683.66  | 1,522.42        | 4,514.17  |
| Street light equipment, regular                         | 4,325.76  | 1,774.16   | 1,382.43  | 679.01          | 2,428.63  |
| Street light equipment, ornamental                      |           |            |           |                 |           |
| Miscellaneous construction expense                      |           | 1,542.45   | 275.30    | 36.94           | 429.08    |
| Steam or hydraulic plant                                |           |            |           |                 |           |
| Old plant   |           |            |           |                 |           |
| Total plant   | 41,650.35 | 64,824.88  | 31,060.25 | 8,037.29        | 28,097.59 |
| Bank and cash balance                                   | 3,781.69  | 6,176.97   | 2,442.44  | 3,043.18        | 654.19    |
| Securities and investments                              | 1,255.13  | 14,000.00  | 8,000.00  | 2,500.00        | 4,000.00  |
| Accounts receivable                                     | 397.50    | 386.19     | 83.96     | 61.57           | 637.59    |
| Inventories   | 69.77     | 1,691.10   | 1,273.90  |                 |           |
| Sinking fund on local debentures                        |           |            |           |                 |           |
| Equity in H-E.P.C. systems                              | 20,271.00 | 39,212.07  | 12,269.27 | 4,228.89        | 17,884.59 |
| Other assets  |           |            |           |                 |           |
| Frequency standardization expenditure in suspense       |           |            |           |                 |           |
| Total assets  | 67,425.44 | 126,291.21 | 55,129.82 | 17,870.93       | 51,273.96 |
| <b>LIABILITIES</b>                                      |           |            |           |                 |           |
| Debenture balance                                       |           |            |           |                 |           |
| Accounts payable  | 1,759.95  | 250.00     | 263.40    | 344.73          | 1,110.42  |
| Bank overdraft  |           |            |           |                 |           |
| Other liabilities                                       | 327.00    | 155.00     | 205.00    | 5.00            | 137.94    |
| Total liabilities                                       | 2,086.95  | 405.00     | 468.40    | 349.73          | 1,248.36  |
| <b>RESERVES</b>   |           |            |           |                 |           |
| For equity in H-E.P.C. systems                          | 20,271.00 | 39,212.07  | 12,269.27 | 4,228.89        | 17,884.59 |
| For depreciation  | 4,349.27  | 9,890.97   | 7,460.69  | 2,077.93        | 4,111.11  |
| Other reserves  |           |            |           | 81.02           | 327.62    |
| Total reserves  | 24,620.27 | 49,103.04  | 19,729.96 | 6,387.84        | 22,323.32 |
| <b>SURPLUS</b>  |           |            |           |                 |           |
| Debentures paid   | 6,370.29  | 11,373.63  | 15,091.58 | 5,346.73        | 13,642.40 |
| Local sinking fund                                      |           |            |           |                 |           |
| Operating surplus                                       | 34,347.93 | 65,409.54  | 19,839.88 | 5,786.63        | 14,059.88 |
| Net frequency standardization expense charged this year |           |            |           |                 |           |
| Total surplus   | 40,718.22 | 76,783.17  | 34,931.46 | 11,133.36       | 27,702.28 |
| Total liabilities, reserves and surplus                 | 67,425.44 | 126,291.21 | 55,129.82 | 17,870.93       | 51,273.96 |
| Percentage of net debt to total assets                  | 4.4       | 0.5        | 1.1       | 2.6             | 5.3       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as at December 31, 1950

| Meaford    | Merlin     | Merrickville | Merritton  | Midland      | Mildmay   | Millbrook |
|------------|------------|--------------|------------|--------------|-----------|-----------|
| 3,114      | 573        | 985          | 4,572      | 7,260        | 838       | 772       |
| \$         | \$         | \$           | \$         | \$           | \$        | \$        |
| 1,144.18   | 17,702.93  |              | 51,888.45  | 20,061.07    |           |           |
| 4,093.47   |            |              | 84,995.94  | 131,380.78   |           |           |
| 47,731.18  | 11,493.44  | 15,967.95    | 70,409.23  | 119,585.31   | 9,533.65  | 10,918.66 |
| 22,794.84  | 4,519.72   | 6,210.70     | 32,844.19  | 43,727.13    | 11,959.10 | 4,809.63  |
| 22,358.45  | 4,074.89   | 4,302.47     | 27,748.46  | 56,690.37    | 4,838.04  | 3,738.53  |
| 4,441.54   | 1,123.54   | 578.00       | 8,784.34   | 21,804.41    | 966.97    | 1,972.11  |
| 4,160.17   | 260.70     | 584.53       | 4,837.91   | 11,688.64    | 936.78    |           |
|            |            |              |            |              | 849.00    |           |
| 106,723.83 | 39,175.22  | 27,643.65    | 281,508.52 | 404,937.71   | 29,083.54 | 21,438.93 |
| 28,094.90  | 3,597.40   | 24,992.51    | 31,275.24  |              | 2,159.60  | 4,703.90  |
| 25,000.00  |            |              | 57,000.00  | 166,000.00   | 6,500.00  | 4,000.00  |
| 763.80     | 47.17      | 3,601.00     | 656.90     | 35,742.64    | 18.26     | 0.29      |
| 183.28     | 286.25     |              | 1,603.29   | 20,750.13    |           |           |
| 65,833.85  | 20,504.92  |              | 432,118.11 | 414,994.82   | 9,373.35  | 4,250.20  |
| 749.39     |            |              | 99.69      | 4,226.55     |           |           |
|            | 5.00       |              |            |              |           |           |
| 227,349.05 | 63,615.96  | 56,237.16    | 804,261.75 | 1,046,651.85 | 47,134.75 | 34,393.32 |
|            |            | 25,000.00    |            |              | 2,014.85  |           |
| 94.72      | 1,160.66   | 25,221.86    | 296.17     | 1,157.89     |           |           |
|            |            |              |            | 31,884.24    |           |           |
| 1,567.33   | 90.00      | 60.00        | 1,356.59   | 1,751.35     | 558.43    | 153.04    |
| 1,662.05   | 1,250.66   | 50,281.86    | 1,652.76   | 34,793.48    | 2,573.28  | 153.04    |
| 65,833.85  | 20,504.92  |              | 432,118.11 | 414,994.82   | 9,373.35  | 4,250.20  |
| 23,731.16  | 8,027.31   | 3,127.04     | 56,282.63  | 249,899.71   | 1,755.35  | 1,769.15  |
| 35.59      | 23.40      | 887.50       |            | 1,302.06     |           |           |
| 89,600.60  | 28,555.63  | 4,014.54     | 488,400.74 | 666,196.59   | 11,128.70 | 6,019.34  |
| 47,724.76  | 13,122.36  |              | 32,186.21  | 111,944.99   | 10,288.65 | 9,000.00  |
| 88,361.64  | *20,687.31 | 1,940.76     | 282,022.04 | 233,716.79   | 23,144.12 | 19,220.94 |
| 136,086.40 | 33,809.67  | 1,940.76     | 314,208.25 | 345,661.78   | 33,432.77 | 28,220.94 |
| 227,349.05 | 63,615.96  | 56,237.16    | 804,261.75 | 1,046,651.85 | 47,134.75 | 34,393.32 |
| 1.0        | 2.9        | 87.9         | 0.4        | 5.5          | 6.8       | 0.5       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Milton      | Milverton  | Mimico      | Mitchell    | Moorefield |
|--|-------------|------------|-------------|-------------|------------|
| Population.....  | 2,405       | 1,039      | 10,410      | 1,920       | 264        |
| <b>ASSETS</b>  | \$          | \$         | \$          | \$          | \$         |
| Lands and buildings.....                                     | 17,085.21   | 761.88     | 105,355.35  | 26,187.04   | .....      |
| Substation equipment.....                                    | 58,905.76   | .....      | 65,998.08   | 16,505.99   | .....      |
| Distribution system—overhead.....                            | 41,586.90   | 16,479.38  | 110,338.52  | 36,818.61   | 5,172.03   |
| Distribution system—underground.....                         | .....       | .....      | .....       | .....       | .....      |
| Line transformers.....                                       | 25,010.34   | 14,833.62  | 65,710.85   | 23,946.76   | 3,003.69   |
| Meters.....  | 21,217.44   | 8,315.92   | 47,653.52   | 19,201.66   | 2,131.14   |
| Street light equipment, regular.....                         | 7,763.99    | 910.47     | 13,517.53   | 7,837.33    | 295.88     |
| Street light equipment, ornamental.....                      | .....       | .....      | .....       | .....       | .....      |
| Miscellaneous construction expense.....                      | 4,409.53    | 987.99     | 6,791.65    | 5,632.29    | 70.03      |
| Steam or hydraulic plant.....                                | .....       | .....      | .....       | .....       | .....      |
| Old plant.....   | .....       | .....      | .....       | .....       | .....      |
| Total plant.....   | 175,979.17  | 42,289.26  | 415,365.50  | 136,129.68  | 10,672.77  |
| Bank and cash balance.....                                   | 50.00       | .....      | 10,745.41   | 100.00      | 2,904.28   |
| Securities and investments.....                              | .....       | 4,000.00   | .....       | 20,650.00   | 500.00     |
| Accounts receivable.....                                     | 1,930.87    | 528.59     | 2,642.55    | 13,469.56   | .....      |
| Inventories.....   | 3,027.44    | .....      | 1,343.72    | 11,110.28   | .....      |
| Sinking fund on local debentures.....                        | .....       | .....      | .....       | .....       | .....      |
| Equity in H-E.P.C. systems.....                              | 186,064.46  | 74,981.42  | 273,584.77  | 86,541.96   | 11,866.10  |
| Other assets.....  | 41.21       | 60.00      | 1,171.71    | 336.30      | .....      |
| Frequency standardization expenditure in suspense.....       | 1,930.28    | .....      | 1,404.00    | 84.66       | 18:00      |
| Total assets.....  | 369,023.43  | 121,859.27 | 706,257.66  | 268,422.44  | 25,961.15  |
| <b>LIABILITIES</b>   | .....       | .....      | .....       | .....       | .....      |
| Debenture balance.....                                       | .....       | .....      | .....       | .....       | .....      |
| Accounts payable.....  | 441.92      | 19.29      | 33.25       | 1,028.20    | .....      |
| Bank overdraft.....  | 5,589.01    | 2,078.63   | .....       | 4,155.55    | .....      |
| Other liabilities.....                                       | 524.56      | .....      | 6,887.00    | 279.00      | 10.22      |
| Total liabilities.....                                       | 6,555.49    | 2,097.92   | 6,920.25    | 5,462.75    | 10.22      |
| <b>RESERVES</b>  | .....       | .....      | .....       | .....       | .....      |
| For equity in H-E.P.C. systems.....                          | 186,064.46  | 74,981.42  | 273,584.77  | 86,541.96   | 11,866.10  |
| For depreciation.....  | 41,474.15   | 9,417.65   | 121,588.40  | 48,879.40   | 3,569.90   |
| Other reserves.....  | 140.33      | .....      | 441.15      | 1,352.49    | .....      |
| Total reserves.....  | 227,678.94  | 84,399.07  | 395,614.32  | 136,773.85  | 15,436.00  |
| <b>SURPLUS</b>   | .....       | .....      | .....       | .....       | .....      |
| Debentures paid.....   | 33,046.41   | 9,500.00   | 127,000.00  | 22,295.22   | 4,500.00   |
| Local sinking fund.....                                      | .....       | .....      | .....       | .....       | .....      |
| Operating surplus.....                                       | *101,742.59 | 25,862.28  | *176,723.09 | *103,890.62 | *6,014.93  |
| Net frequency standardization expense charged this year..... | .....       | .....      | .....       | .....       | .....      |
| Total surplus.....   | 134,789.00  | 35,362.28  | 303,723.09  | 126,185.84  | 10,514.93  |
| Total liabilities, reserves and surplus.....                 | 369,023.43  | 121,859.27 | 706,257.66  | 268,422.44  | 25,961.15  |
| Percentage of net debt to total assets.....                  | 3.6         | 4.5        | 1.6         | 3.0         | 0.1        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



## "A"—Continued

## Utilities as of December 31, 1950

| Morrisburg<br>1,913 | Mount<br>Brydges<br>633 | Mount<br>Forest<br>2,168 | Napanee<br>3,769 | Neustadt<br>457 | Newboro<br>276 | Newburgh<br>486 |
|---------------------|-------------------------|--------------------------|------------------|-----------------|----------------|-----------------|
| \$                  | \$                      | \$                       | \$               | \$              | \$             | \$              |
| 5,682.38            |                         | 3,726.00                 | 24,051.33        |                 |                |                 |
| 4,499.48            |                         | 686.75                   | 2,358.27         |                 |                |                 |
| 17,973.39           | 11,579.15               | 27,720.32                | 66,679.95        | 12,174.86       | 11,370.34      | 16,015.56       |
| 11,842.60           | 7,520.09                | 13,986.26                | 25,600.72        | 7,277.75        | 3,031.04       | 4,696.69        |
| 11,870.64           | 4,035.70                | 14,912.48                | 27,521.00        | 3,417.99        | 2,365.61       | 3,653.35        |
| 7,086.85            | 1,501.20                | 5,155.85                 | 6,480.12         | 1,900.76        | 1,003.39       | 954.77          |
| 632.80              |                         | 615.58                   | 9,042.63         | 426.79          | 1,347.97       | 114.45          |
| 59,588.14           | 24,636.14               | 66,803.24                | 161,734.02       | 25,198.15       | 19,118.35      | 25,434.82       |
| 8,524.44            | 812.29                  | 10,315.43                |                  | 3,591.12        | 2,407.10       | 2,140.51        |
| 16,000.00           | 10,500.00               | 20,000.00                | 12,800.00        | 12,700.00       |                |                 |
| 4,754.86            | 301.18                  | 286.84                   | 28,211.38        | 51.94           | 29.08          | 63.26           |
| 256.86              |                         |                          | 13,046.50        |                 |                |                 |
| 10,633.03           | 14,380.79               | 65,897.13                | 92,541.77        | 10,969.47       | 170.90         | 83.34           |
|                     |                         | 68.34                    | 121.11           |                 |                |                 |
|                     | 136.61                  |                          |                  |                 |                |                 |
| 99,757.33           | 50,767.01               | 163,370.98               | 308,454.78       | 52,510.68       | 21,725.43      | 27,721.93       |
| 1,488.85            | 100.54                  | 77.92                    | 652.87           |                 | 16,367.33      | 9,500.00        |
|                     |                         |                          | 8,411.39         |                 | 42.25          | 4,716.64        |
| 2,181.40            | 150.10                  | 160.00                   | 1,812.25         | 368.85          | 104.00         | 69.00           |
| 3,670.25            | 250.64                  | 237.92                   | 10,876.51        | 368.85          | 16,513.58      | 14,285.64       |
| 10,633.03           | 14,380.79               | 65,897.13                | 92,541.77        | 10,969.47       | 170.90         | 83.34           |
| 3,972.91            | 7,490.83                | 25,495.16                | 26,060.54        | 10,473.06       | 712.89         | 11,212.51       |
|                     | 97.38                   |                          |                  |                 |                |                 |
| 14,605.94           | 21,969.00               | 91,392.29                | 118,602.31       | 21,442.53       | 883.79         | 11,295.85       |
| 31,636.00           | 4,220.00                | 25,351.63                | 70,000.00        | 15,504.12       | 632.67         | 500.00          |
| 49,845.14           | *24,327.37              | 46,389.14                | 108,975.96       | 15,195.18       | 3,695.39       | 1,640.44        |
| 81,481.14           | 28,547.37               | 71,740.77                | 178,975.96       | 30,699.30       | 4,328.06       | 2,140.44        |
| 99,757.33           | 50,767.01               | 163,370.98               | 308,454.78       | 52,510.68       | 21,725.43      | 27,721.93       |
| 4.1                 | 0.7                     | 0.2                      | 5.0              | 0.9             | 76.6           | 51.7            |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Newbury   | Newcastle | New Hamburg | Newmarket   |
|--|-----------|-----------|-------------|-------------|
| Population.....  | 284       | 851       | 1,704       | 5,036       |
| <b>ASSETS</b>  | \$        | \$        | \$          | \$          |
| Lands and buildings.....                                     |           | 107.37    | 4,203.21    | 4,000.00    |
| Substation equipment.....                                    |           |           | 1,319.80    | 5,000.00    |
| Distribution system—overhead.....                            | 7,837.15  | 18,895.21 | 26,565.00   | 80,947.31   |
| Distribution system—underground.....                         |           |           |             |             |
| Line transformers.....                                       | 2,966.14  | 9,351.94  | 19,856.74   | 52,941.21   |
| Meters.....  | 2,055.12  | 6,104.04  | 14,232.59   | 36,729.97   |
| Street light equipment, regular.....                         | 894.16    | 2,176.10  | 2,375.06    | 15,758.53   |
| Street light equipment, ornamental.....                      |           |           |             |             |
| Miscellaneous construction expense.....                      |           | 597.00    | 1,937.86    | 6,075.10    |
| Steam or hydraulic plant.....                                |           |           |             |             |
| Old plant.....   |           |           |             |             |
| Total plant.....   | 13,752.57 | 37,231.66 | 70,490.26   | 201,452.12  |
| Bank and cash balance.....                                   | 1,936.09  | 4,654.91  | 682.26      | 15,002.26   |
| Securities and investments.....                              | 6,500.00  | 9,000.00  | 9,000.00    |             |
| Accounts receivable.....                                     | 750.95    | 589.49    | 1,247.36    | 2,357.60    |
| Inventories.....   |           |           | 1,438.66    | 170.91      |
| Sinking fund on local debentures.....                        |           |           |             |             |
| Equity in H-E.P.C. systems.....                              | 8,107.43  | 8,173.18  | 90,624.26   | 25,929.26   |
| Other assets.....  |           |           | 3.10        | 215.31      |
| Frequency standardization expenditure in suspense.....       | 12.00     |           | 10.00       | 26,132.32   |
| Total assets.....  | 31,059.04 | 59,649.24 | 173,495.90  | 271,259.78  |
| <b>LIABILITIES</b>   |           |           |             |             |
| Debenture balance.....                                       |           |           |             | 60,000.00   |
| Accounts payable.....  | 176.99    |           | 44.52       | 1,543.33    |
| Bank overdraft.....  |           |           |             |             |
| Other liabilities.....                                       | 57.84     |           | 169.34      | 1,433.42    |
| Total liabilities.....                                       | 234.83    |           | 213.86      | 62,976.75   |
| <b>RESERVES</b>  |           |           |             |             |
| For equity in H-E.P.C. systems.....                          | 8,107.43  | 8,173.18  | 90,624.26   | 25,929.26   |
| For depreciation.....  | 7,233.91  | 12,680.48 | 20,406.06   | 50,395.14   |
| Other reserves.....  |           |           | 33.83       | 275.00      |
| Total reserves.....  | 15,341.34 | 20,853.66 | 111,064.15  | 76,599.40   |
| <b>SURPLUS</b>   |           |           |             |             |
| Debentures paid.....   | 9,754.39  | 14,000.00 | 17,729.08   | 5,000.00    |
| Local sinking fund.....                                      |           |           |             |             |
| Operating surplus.....                                       | *5,728.48 | 24,795.58 | *44,488.81  | *126,683.63 |
| Net frequency standardization expense charged this year..... |           |           |             |             |
| Total surplus.....   | 15,482.87 | 38,795.58 | 62,217.89   | 131,683.63  |
| Total liabilities, reserves and surplus...                   | 31,059.04 | 59,649.24 | 173,495.90  | 271,259.78  |
| Percentage of net debt to total assets...                    | 1.8       | 0.0       | 0.3         | 28.7        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as at December 31, 1950

| New<br>Toronto<br>10,961 | Niagara<br>1,939 | Niagara Falls<br>21,737 | North York<br>Twp. (V.A.)<br>..... | Norwich<br>1,361 | Norwood<br>911 | Oakville<br>6,371 |
|--------------------------|------------------|-------------------------|------------------------------------|------------------|----------------|-------------------|
| \$                       | \$               | \$                      | \$                                 | \$               | \$             | \$                |
| 64,584.39                | 4,463.20         | 134,051.90              | 103,261.18                         | 4,697.92         | .....          | 750.00            |
| .....                    | 24,212.17        | 293,913.96              | 293,612.63                         | .....            | 457.53         | 5,550.38          |
| 125,830.82               | 53,094.19        | 294,762.27              | 1,550,634.45                       | 13,590.87        | 27,048.25      | 105,628.71        |
| 17,198.72                | .....            | 17,248.90               | .....                              | .....            | .....          | .....             |
| 89,900.46                | 30,067.84        | 235,628.20              | 786,487.81                         | 12,522.50        | 7,842.07       | 58,834.78         |
| 56,298.90                | 20,007.65        | 158,874.11              | 441,857.18                         | 11,434.53        | 8,685.70       | 54,093.28         |
| 17,923.44                | 5,109.12         | 156,697.55              | 156.00                             | 4,745.69         | 2,141.72       | 12,677.69         |
| .....                    | .....            | .....                   | .....                              | .....            | .....          | .....             |
| 8,696.66                 | 3,446.96         | 44,511.01               | 87,647.71                          | 3,091.87         | 4,967.58       | 6,623.69          |
| .....                    | .....            | .....                   | .....                              | .....            | .....          | .....             |
| .....                    | .....            | .....                   | .....                              | .....            | 2,447.51       | .....             |
| 380,433.39               | 140,401.13       | 1,335,687.90            | 3,263,656.96                       | 50,083.38        | 53,590.36      | 244,158.53        |
| 21,425.79                | 3,502.19         | 13,672.76               | 200,453.56                         | 25.00            | 8,057.20       | 11,079.71         |
| 120,000.00               | 5,000.00         | 185,000.00              | 10,000.00                          | 12,300.00        | 20,500.00      | .....             |
| 6,053.59                 | 6,111.71         | 2,673.29                | 183,867.63                         | 1,880.15         | 2,053.41       | 22,141.42         |
| 9,064.88                 | 8,999.32         | 33,818.01               | 107,013.11                         | 4,580.58         | .....          | 15,390.55         |
| 934,615.75               | 64,183.34        | 1,023,865.70            | 496,147.82                         | 66,250.07        | 13,083.42      | 6,134.12          |
| .....                    | .....            | 347.52                  | 23.99                              | 720.21           | .....          | 66.64             |
| 54.09                    | .....            | .....                   | 381.55                             | .....            | .....          | .....             |
| 1,471,647.49             | 228,197.69       | 2,595,065.18            | 4,261,544.62                       | 135,839.39       | 97,284.39      | 298,970.97        |
| .....                    | 4,800.00         | .....                   | 1,848,148.52                       | .....            | .....          | .....             |
| 1,463.85                 | 52.03            | 15,283.82               | 334,136.21                         | 230.47           | 664.12         | 41,728.25         |
| .....                    | .....            | .....                   | .....                              | 216.04           | .....          | .....             |
| 6,777.37                 | 839.65           | 25,935.55               | 41,981.96                          | 460.33           | 515.07         | 3,320.00          |
| 8,241.22                 | 5,691.68         | 41,219.37               | 2,224,266.69                       | 906.84           | 1,179.19       | 45,048.25         |
| 934,615.75               | 64,183.34        | 1,023,865.70            | 496,147.82                         | 66,250.07        | 13,083.42      | 6,134.12          |
| 107,245.59               | 33,659.54        | 410,791.16              | 392,808.56                         | 13,407.97        | 20,248.59      | 125,502.63        |
| 340.73                   | 598.73           | 1,380.86                | 19,396.80                          | 479.69           | .....          | 568.61            |
| 1,042,202.07             | 98,441.61        | 1,436,037.72            | 908,353.18                         | 80,137.73        | 33,332.01      | 132,205.36        |
| 8,000.00                 | 43,701.42        | 690,243.00              | 579,873.35                         | 13,756.00        | 33,517.70      | .....             |
| *413,204.20              | 80,362.98        | 427,565.09              | *549,051.40                        | 41,038.82        | 29,255.49      | 121,717.36        |
| .....                    | .....            | .....                   | .....                              | .....            | .....          | .....             |
| 421,204.20               | 124,064.40       | 1,117,808.09            | 1,128,924.75                       | 54,794.82        | 62,773.19      | 121,717.36        |
| 1,471,647.49             | 228,197.69       | 2,595,065.18            | 4,261,544.62                       | 135,839.39       | 97,284.39      | 298,970.97        |
| 1.5                      | 3.5              | 2.6                     | 59.1                               | 1.3              | 1.4            | 15.4              |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Oil Springs | Omemeë    | Orange-<br>ville | Orono     | Oshawa       |
|--|-------------|-----------|------------------|-----------|--------------|
| Population.....  | 420         | 713       | 3,273            | 561       | 29,771       |
| <b>ASSETS</b>  | \$          | \$        | \$               | \$        | \$           |
| Lands and buildings.....                                     | 6,457.31    | 200.00    | 2,585.07         |           | 149,212.91   |
| Substation equipment.....                                    | 2,461.78    |           |                  |           | 286,189.44   |
| Distribution system—overhead.....                            | 16,798.00   | 21,246.51 | 46,495.21        | 10,344.01 | 431,449.43   |
| Distribution system—underground.....                         |             |           |                  |           | 189,989.74   |
| Line transformers.....                                       | 9,614.54    | 9,808.19  | 23,752.02        | 7,391.37  | 188,052.06   |
| Meters.....  | 4,794.02    | 4,863.99  | 20,202.22        | 4,057.89  | 192,441.98   |
| Street light equipment, regular.....                         | 836.10      | 2,831.81  | 19,951.70        | 1,505.45  | 112,685.40   |
| Street light equipment, ornamental.....                      |             |           |                  |           |              |
| Miscellaneous construction expense                           | 204.73      | 260.00    | 1,360.87         | 420.78    | 45,761.86    |
| Steam or hydraulic plant.....                                |             |           |                  |           |              |
| Old plant.....   |             |           |                  |           |              |
| Total plant.....   | 41,166.48   | 39,210.50 | 114,347.09       | 23,719.50 | 1,595,782.82 |
| Bank and cash balance.....                                   | 10,640.39   | 3,070.75  | 14,337.96        | 4,345.48  | 23,085.50    |
| Securities and investments.....                              | 6,500.00    | 8,000.00  | 40,800.00        | 8,000.00  | 185,000.00   |
| Accounts receivable.....                                     | 122.86      | 183.61    | 1,319.10         | 115.41    | 137,437.52   |
| Inventories.....   | 360.36      |           | 304.72           |           | 71,838.09    |
| Sinking fund on local debentures.....                        |             |           |                  |           |              |
| Equity in H-E.P.C. systems.....                              | 42,168.91   | 6,161.02  | 89,333.71        | 3,985.75  | 1,183,671.21 |
| Other assets.....  |             |           |                  |           | 1,008.32     |
| Frequency standardization expenditure in suspense.....       | 179.35      |           |                  |           |              |
| Total assets.....  | 101,138.35  | 56,625.88 | 260,442.58       | 40,166.14 | 3,197,823.46 |
| <b>LIABILITIES</b>   |             |           |                  |           |              |
| Debenture balance.....                                       |             |           |                  |           |              |
| Accounts payable.....  | 22.95       | 282.43    |                  | 33.60     | 92,648.27    |
| Bank overdraft.....  |             |           |                  |           |              |
| Other liabilities.....                                       | 30.00       | 172.00    | 973.00           |           | 32,875.86    |
| Total liabilities.....                                       | 52.95       | 454.43    | 973.00           | 33.60     | 125,524.13   |
| <b>RESERVES</b>  |             |           |                  |           |              |
| For equity in H-E.P.C. systems.....                          | 42,168.91   | 6,161.02  | 89,333.71        | 3,985.75  | 1,183,671.21 |
| For depreciation.....  | 17,004.86   | 14,030.43 | 35,222.11        | 2,073.76  | 166,532.55   |
| Other reserves.....  | 85.23       |           |                  |           | 76,403.97    |
| Total reserves.....  | 59,259.00   | 20,191.45 | 124,555.82       | 6,059.51  | 1,426,607.73 |
| <b>SURPLUS</b>   |             |           |                  |           |              |
| Debentures paid.....   | 16,721.31   | 10,595.00 | 25,594.32        | 8,000.00  | 302,622.40   |
| Local sinking fund.....                                      |             |           |                  |           |              |
| Operating surplus.....                                       | *25,105.09  | 25,385.00 | 109,319.44       | 26,073.03 | 1,343,069.20 |
| Net frequency standardization expense charged this year..... |             |           |                  |           |              |
| Total surplus.....   | 41,826.40   | 35,980.00 | 134,913.76       | 34,073.03 | 1,645,691.60 |
| Total liabilities, reserves and surplus.....                 | 101,138.35  | 56,625.88 | 260,442.58       | 40,166.14 | 3,197,823.46 |
| Percentage of net debt to total assets.....                  | 0.1         | 0.9       | 0.6              | 0.1       | 6.2          |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as at December 31, 1950

| Ottawa        | Otterville | Owen Sound   | Paisley   | Palmerston | Paris      | Parkhill   |
|---------------|------------|--------------|-----------|------------|------------|------------|
| 193,319       | 588        | 16,428       | 731       | 1,557      | 5,134      | 970        |
| \$            | \$         | \$           | \$        | \$         | \$         | \$         |
| 2,052,194.09  | 639.25     | 56,639.92    |           |            | 13,570.15  |            |
| 3,461,806.26  |            | 96,983.79    | 1,923.46  | 1,346.28   | 72,599.62  |            |
| 2,693,735.51  | 11,850.22  | 217,649.68   | 17,861.83 | 38,679.60  | 76,116.24  | 27,611.28  |
| 784,108.23    |            | 4,839.08     |           |            |            |            |
| 1,568,097.85  | 8,580.91   | 96,923.50    | 7,938.90  | 19,850.44  | 49,421.92  | 14,467.25  |
| 1,022,275.19  | 4,441.25   | 105,812.16   | 5,645.81  | 13,946.06  | 27,939.82  | 7,642.86   |
| 241,592.87    | 1,903.49   | 47,203.11    | 1,155.73  | 10,553.17  | 18,507.53  | 9,125.80   |
|               |            |              |           |            |            |            |
| 90,229.22     | 596.75     | 12,868.80    | 168.84    | 2,125.00   | 4,352.16   | 707.66     |
| 1,731,500.00  |            |              |           |            |            |            |
| 10,000.00     |            |              |           |            |            |            |
| 13,655,539.22 | 28,011.87  | 638,920.04   | 34,694.57 | 86,500.55  | 262,507.44 | 59,554.85  |
| 74,723.30     | 900.22     | 22,449.56    | 8,029.37  | 10,771.41  | 4,502.20   | 15,252.71  |
| 363,000.00    | 6,500.00   | 77,500.00    | 4,500.00  | 15,600.00  |            |            |
| 427,259.99    | 186.99     | 31,146.67    | 123.24    | 239.18     | 604.79     | 438.76     |
| 412,005.53    | 351.00     | 37,481.33    | 67.00     | 6,779.49   | 148.00     |            |
| 246,700.77    |            |              |           |            |            |            |
| 669,303.28    | 16,833.17  | 462,109.72   | 21,127.63 | 81,496.52  | 210,654.85 | 36,907.30  |
| 4,408.76      |            |              |           |            | 27.00      |            |
|               |            |              |           |            | 1,300.00   |            |
| 15,852,940.85 | 52,783.25  | 1,269,607.32 | 68,541.81 | 201,387.15 | 479,744.28 | 112,153.62 |
| 6,769,570.29  |            | 100,000.00   |           |            |            | 15,000.00  |
| 352,003.34    | 191.63     | 71,016.18    |           | 199.94     | 445.71     | 48.64      |
|               |            |              |           |            |            |            |
|               | 101.38     | 13,127.83    | 57.42     | 381.42     |            | 418.33     |
| 7,121,573.63  | 293.01     | 184,144.01   | 57.42     | 581.36     | 445.71     | 15,466.97  |
|               |            |              |           |            |            |            |
| 669,303.28    | 16,833.17  | 462,109.72   | 21,127.63 | 81,496.52  | 210,654.85 | 36,907.30  |
| 3,057,022.62  | 10,148.65  | 125,701.67   | 8,992.59  | 27,125.67  | 84,958.99  | 10,188.18  |
| 155,127.55    |            | 2,697.80     |           | 299.38     | 68.81      |            |
| 3,881,453.45  | 26,981.82  | 590,509.19   | 30,120.22 | 108,921.57 | 295,682.65 | 47,095.48  |
| 1,210,429.71  | 4,500.00   | 107,718.00   | 13,623.35 | 27,000.00  | 92,000.00  | 14,630.02  |
| 246,700.77    |            |              |           |            |            |            |
| 3,392,783.29  | 21,008.42  | 387,236.12   | 24,740.82 | 64,884.22  | *91,615.92 | 34,961.15  |
|               |            |              |           |            |            |            |
| 4,849,913.77  | 25,508.42  | 494,954.12   | 38,364.17 | 91,884.22  | 183,615.92 | 49,591.17  |
| 15,852,940.85 | 52,783.25  | 1,269,607.32 | 68,541.81 | 201,387.15 | 479,744.28 | 112,153.62 |
| 46.9          | 0.8        | 22.8         | 0.1       | 0.5        | 0.2        | 20.6       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Parry Sound | Penetang-<br>uishene | Perth      | Peter-<br>borough |
|--|-------------|----------------------|------------|-------------------|
| Population.....  | 5,148       | 4,793                | 4,786      | 36,716            |
| ASSETS   | \$          | \$                   | \$         | \$                |
| Lands and buildings.....                                     | 2,288.05    | 2,288.05             | 5,109.34   | 170,665.13        |
| Substation equipment.....                                    | 22,043.00   | 7,161.13             | 17,288.93  | 303,184.50        |
| Distribution system—overhead.....                            | 59,376.05   | 66,275.03            | 70,413.20  | 690,969.10        |
| Distribution system—underground.....                         |             |                      |            |                   |
| Line transformers.....                                       | 26,287.64   | 32,224.45            | 46,780.65  | 313,196.94        |
| Meters.....  | 34,580.49   | 27,196.43            | 32,597.68  | 223,379.66        |
| Street light equipment, regular.....                         | 19,455.86   | 12,997.09            | 24,215.31  | 128,223.05        |
| Street light equipment, ornamental.....                      |             |                      |            |                   |
| Miscellaneous construction expense.....                      | 5,655.24    | 2,158.07             | 10,593.27  | 44,179.68         |
| Steam or hydraulic plant.....                                | 363,765.96  |                      |            |                   |
| Old plant.....   |             |                      |            |                   |
| Total plant.....   | 531,164.24  | 150,300.25           | 206,998.38 | 1,873,798.06      |
| Bank and cash balance.....                                   |             | 4,948.97             | 5,304.53   | 58,967.69         |
| Securities and investments.....                              | 37,800.00   | 55,000.00            | 71,000.00  |                   |
| Accounts receivable.....                                     | 2,211.56    | 1,633.43             | 7,187.66   | 73,062.22         |
| Inventories.....   |             | 383.66               | 22,732.85  | 43,427.91         |
| Sinking fund on local debentures.....                        |             |                      |            |                   |
| Equity in H-E.P.C. systems.....                              | 1,961.39    | 119,765.64           | 140,912.63 | 756,920.09        |
| Other assets.....  |             | 300.00               |            | 1,186.72          |
| Frequency standardization expenditure in suspense.....       |             |                      |            |                   |
| Total assets.....  | 573,137.19  | 332,331.95           | 454,136.05 | 2,807,362.69      |
| LIABILITIES  |             |                      |            |                   |
| Debenture balance.....                                       | 3,329.87    |                      | 4,071.09   | 156,000.00        |
| Accounts payable.....  | 219.67      |                      |            | 58,767.21         |
| Bank overdraft.....  | 5,566.55    |                      |            |                   |
| Other liabilities.....                                       | 7,209.16    | 1,097.50             | 3,614.69   | 896.06            |
| Total liabilities.....                                       | 16,325.25   | 1,097.50             | 7,685.78   | 215,663.27        |
| RESERVES   |             |                      |            |                   |
| For equity in H-E.P.C. systems.....                          | 1,961.39    | 119,765.64           | 140,912.63 | 756,920.09        |
| For depreciation.....  | 111,868.37  | 59,187.37            | 72,869.08  | 400,541.37        |
| Other reserves.....  | 68.66       | 891.36               | 5,885.24   | 1,279.79          |
| Total reserves.....  | 113,898.42  | 179,844.37           | 219,666.95 | 1,158,741.25      |
| SURPLUS  |             |                      |            |                   |
| Debentures paid.....   | 385,170.13  | 36,982.95            | 80,974.21  | 494,610.67        |
| Local sinking fund.....                                      |             |                      |            |                   |
| Operating surplus.....                                       | 57,743.39   | 114,407.13           | 145,809.11 | 938,347.50        |
| Net frequency standardization expense charged this year..... |             |                      |            |                   |
| Total surplus.....   | 442,913.52  | 151,390.08           | 226,783.32 | 1,432,958.17      |
| Total liabilities, reserves and surplus.....                 | 573,137.19  | 332,331.95           | 454,136.05 | 2,807,362.69      |
| Percentage of net debt to total assets.....                  | 2.9         | 0.5                  | 2.5        | 10.5              |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



## “A”—Continued

## Utilities as at December 31, 1950

| Petrolia<br>3,006 | Picton<br>4,217 | Plattsville<br>402 | Point<br>Edward<br>1,687 | Port<br>Colborne<br>8,008 | Port Credit<br>3,342 | Port<br>Dalhousie<br>2,368 |
|-------------------|-----------------|--------------------|--------------------------|---------------------------|----------------------|----------------------------|
| \$                | \$              | \$                 | \$                       | \$                        | \$                   | \$                         |
| 38,728.87         | 14,721.20       |                    |                          | 30,501.60                 | 675.00               | 6,000.00                   |
| 5,971.75          | 52,496.30       |                    |                          |                           |                      |                            |
| 69,534.65         | 60,308.84       | 8,626.62           | 41,625.11                | 106,041.63                | 75,277.52            | 43,847.64                  |
| 43,746.24         | 31,425.42       | 6,332.98           | 13,015.34                | 48,985.69                 | 37,805.22            | 27,611.35                  |
| 21,589.01         | 32,292.42       | 3,351.53           | 10,571.21                | 38,722.79                 | 23,732.80            | 19,334.15                  |
| 7,341.90          | 11,310.29       | 171.79             | 7,417.08                 | 6,412.44                  | 6,401.74             | 2,449.43                   |
| 9,222.12          | 1,569.27        |                    | 3,529.17                 | 8,517.39                  | 4,709.25             | 2,931.78                   |
|                   |                 |                    |                          | †16,160.00                |                      |                            |
| 196,134.54        | 204,123.74      | 18,482.92          | 76,157.91                | 255,341.54                | 148,601.53           | 102,174.35                 |
| 50.00             | 12,573.84       | 817.49             | 993.46                   | 1,369.40                  | 19,634.81            | 6,822.01                   |
| 15,000.00         | 3,500.00        | 4,500.00           | 13,000.00                | 105,000.00                | 1,000.00             |                            |
| 4,570.79          | 1,051.60        | 56.27              | 4,895.19                 | 112.31                    | 3,284.49             | 2,668.37                   |
| 12,909.47         | 10,250.56       |                    | 4,305.93                 | 3,778.42                  | 3,104.35             | 798.00                     |
| 182,782.41        | 114,226.85      | 18,722.09          | 135,336.00               | 191,059.14                | 83,583.27            | 76,074.71                  |
| 188.00            |                 |                    |                          | 250.45                    |                      | 1,143.32                   |
| 3,314.92          |                 |                    | 10,837.86                |                           | 129.40               |                            |
| 414,950.13        | 345,726.59      | 42,578.77          | 245,526.35               | 556,911.26                | 259,337.85           | 189,680.76                 |
| 8.06              | 7,051.73        | 151.48             | 13,402.02                | 10,097.00                 | 38,247.35            | 15,550.90                  |
| 1,956.46          |                 |                    |                          |                           | 7,616.41             | 1,715.70                   |
| 1,392.56          | 5,698.73        |                    | 562.40                   | 4,538.74                  | 1,256.40             | 1,691.78                   |
| 3,357.08          | 12,750.46       | 151.48             | 13,964.42                | 14,635.74                 | 47,120.16            | 18,958.38                  |
| 182,782.41        | 114,226.85      | 18,722.09          | 135,336.00               | 191,059.14                | 83,583.27            | 76,074.71                  |
| 60,018.86         | 40,963.66       | 1,446.59           | 20,660.29                | 66,325.24                 | 30,838.62            | 11,710.80                  |
| 92.34             | 968.91          |                    | 58.64                    | 229.88                    | 369.59               | 214.16                     |
| 242,893.61        | 156,159.42      | 20,168.68          | 156,054.93               | 257,614.26                | 114,791.48           | 87,999.67                  |
| 50,000.00         | 3,182.32        | 5,237.00           | 17,000.00                | 146,000.00                | 16,252.65            | 23,949.10                  |
| *118,699.44       | 173,634.39      | 17,021.61          | *58,507.00               | 138,661.26                | *81,173.56           | 58,773.61                  |
| 168,699.44        | 176,816.71      | 22,258.61          | 75,507.00                | 284,661.26                | 97,426.21            | 82,722.71                  |
| 414,950.13        | 345,726.59      | 42,578.77          | 245,526.35               | 556,911.26                | 259,337.85           | 189,680.76                 |
| 1.45              | 5.5             | 0.6                | 12.7                     | 4.0                       | 26.8                 | 16.7                       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

†Annexation not distributed.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Port Dover | Port Elgin | Port Hope  | Port<br>McNicoll<br>897 | Port Perry |
|--|------------|------------|------------|-------------------------|------------|
| Population.....  | 2,442      | 1,541      | 6,131      | 897                     | 1,600      |
| <b>ASSETS</b>  | \$         | \$         | \$         | \$                      | \$         |
| Lands and buildings.....                                     | 248.75     | 1,311.25   | 18,480.06  |                         |            |
| Substation equipment.....                                    |            |            | 26,970.30  |                         | 2,564.65   |
| Distribution system—overhead.....                            | 55,801.08  | 37,621.02  | 92,020.98  | 18,628.44               | 33,897.13  |
| Distribution system—underground.....                         |            |            |            |                         |            |
| Line transformers.....                                       | 31,008.46  | 17,715.57  | 53,285.48  | 4,433.78                | 11,128.41  |
| Meters.....  | 21,034.04  | 14,659.00  | 53,975.18  | 5,488.56                | 8,974.36   |
| Street light equipment, regular.....                         | 3,851.55   | 3,347.92   | 10,500.97  | 730.00                  | 2,001.43   |
| Street light equipment, ornamental.....                      |            |            |            |                         |            |
| Miscellaneous construction expense.....                      | 1,428.74   | 2,255.99   | 6,167.58   | 205.37                  | 162.40     |
| Steam or hydraulic plant.....                                |            |            |            |                         |            |
| Old plant.....   |            |            |            |                         |            |
| Total plant.....   | 113,372.62 | 76,910.75  | 261,400.55 | 29,486.15               | 58,728.38  |
| Bank and cash balance.....                                   | 114.15     | 6,935.78   | 1,821.69   |                         | 2,014.30   |
| Securities and investments.....                              |            | 4,500.00   |            | 1,000.00                | 16,000.00  |
| Accounts receivable.....                                     | 4,383.40   | 924.95     | 1,101.85   | 401.89                  | 364.11     |
| Inventories.....   |            |            | 10,962.42  | 308.22                  |            |
| Sinking fund on local debentures.....                        |            |            |            |                         |            |
| Equity in H-E.P.C. systems.....                              | 54,030.32  | 33,483.72  | 145,179.43 | 11,901.69               | 35,950.69  |
| Other assets.....  | 122.50     |            |            |                         | 2,652.80   |
| Frequency standardization expenditure in suspense.....       | 151.00     |            |            |                         |            |
| Total assets.....  | 172,173.99 | 122,755.20 | 420,465.94 | 43,097.95               | 115,710.28 |
| <b>LIABILITIES</b>   |            |            |            |                         |            |
| Debenture balance.....                                       |            |            |            | 2,600.00                |            |
| Accounts payable.....  | 496.92     | 3,427.00   | 233.48     | 159.50                  | 980.30     |
| Bank overdraft.....  |            |            |            | 864.14                  |            |
| Other liabilities.....                                       | 897.30     |            | 13,563.77  | 288.40                  | 622.00     |
| Total liabilities.....                                       | 1,394.22   | 3,427.00   | 13,797.25  | 3,912.04                | 1,602.30   |
| <b>RESERVES</b>  |            |            |            |                         |            |
| For equity in H-E.P.C. systems.....                          | 54,030.32  | 33,483.72  | 145,179.43 | 11,901.69               | 35,950.69  |
| For depreciation.....  | 31,300.34  | 12,847.84  | 53,369.12  | 3,985.32                | 5,351.82   |
| Other reserves.....  |            |            |            |                         |            |
| Total reserves.....  | 85,330.66  | 46,331.56  | 198,548.55 | 15,887.01               | 41,302.51  |
| <b>SURPLUS</b>   |            |            |            |                         |            |
| Debentures paid.....   | 29,000.00  | 37,787.00  | 78,630.64  | 7,203.58                | 19,881.66  |
| Local sinking fund.....                                      |            |            |            |                         |            |
| Operating surplus.....                                       | *56,449.11 | 35,209.64  | 129,489.50 | 16,095.32               | 52,923.81  |
| Net frequency standardization expense charged this year..... |            |            |            |                         |            |
| Total surplus.....   | 85,449.11  | 72,996.64  | 208,120.14 | 23,298.90               | 72,805.47  |
| Total liabilities, reserves and surplus.....                 | 172,173.99 | 122,755.20 | 420,465.94 | 43,097.95               | 115,710.28 |
| Percentage of net debt to total assets.....                  | 1.2        | 3.8        | 5.0        | 12.5                    | 2.1        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as of December 31, 1950

| Port Rowan<br>803 | Port Stanley<br>1,196 | Prescott<br>3,357 | Preston<br>7,368 | Priceville<br>181 | Princeton<br>321 | Queenston<br>287 |
|-------------------|-----------------------|-------------------|------------------|-------------------|------------------|------------------|
| \$                | \$                    | \$                | \$               | \$                | \$               | \$               |
| 17,001.93         | 1,574.60              | 2,761.54          | 64,017.74        | 68.00             |                  |                  |
| 7,185.09          | 48,343.11             | 62,941.24         | 106,499.10       | 10,181.58         | 5,300.05         | 11,439.69        |
| 4,600.27          | 26,916.40             | 30,299.74         | 85,078.13        | 2,706.93          | 4,872.16         | 4,509.75         |
| 1,243.62          | 19,631.78             | 26,345.83         | 53,392.79        | 959.86            | 2,523.87         | 2,719.95         |
| 111.24            | 3,401.41              | 8,540.43          | 8,619.72         | 854.96            | 525.42           | 498.05           |
|                   | 749.79                | 7,972.26          | 6,701.80         |                   |                  | 85.54            |
| 30,142.15         | 100,617.09            | 138,861.04        | 324,309.28       | 14,771.33         | 13,221.50        | 19,252.98        |
| 1,745.95          | 50.00                 | 8,189.91          | 125.00           | 661.09            | 4,236.20         | 914.40           |
| 266.33            | 13,000.00             |                   |                  |                   | 7,000.00         | 6,500.00         |
|                   | 1,456.26              | 1,261.25          | 6,066.53         | 15.64             | 77.68            | 330.04           |
|                   | 237.50                |                   | 16,700.66        |                   |                  |                  |
| 13,993.53         | 79,714.06             | 101,458.75        | 474,537.63       | 1,833.36          | 18,903.44        | 13,010.30        |
| 48.00             |                       |                   | 21,309.69        |                   |                  |                  |
|                   | 10.00                 |                   | 1,165.00         |                   | 12.00            |                  |
| 46,195.96         | 195,084.91            | 249,770.95        | 844,213.79       | 17,281.42         | 43,450.82        | 40,007.72        |
| 2,752.80          |                       | 12,000.00         |                  | 5,850.00          |                  |                  |
|                   | 2,148.94              | 87.79             | 8,916.04         | 89.04             | 147.06           | 690.50           |
| 300.00            | 1,499.87              |                   | 8,552.86         |                   |                  |                  |
|                   | 293.00                | 698.40            | 2,393.24         |                   |                  | 75.00            |
| 3,052.80          | 3,941.81              | 12,786.19         | 19,862.14        | 5,939.04          | 147.06           | 765.50           |
| 13,993.53         | 79,714.06             | 101,458.75        | 474,537.63       | 1,833.36          | 18,903.44        | 13,010.30        |
| 5,299.88          | 25,411.17             | 55,649.83         | 155,189.19       | 1,492.34          | 4,507.28         | 4,618.39         |
|                   | 40.16                 |                   | 339.76           |                   |                  |                  |
| 19,293.41         | 105,165.39            | 157,108.58        | 630,066.58       | 3,325.70          | 23,410.72        | 17,628.69        |
| 11,000.00         | 18,950.00             | 12,170.99         | 152,800.00       | 6,316.10          | 3,550.00         | 9,500.00         |
| 12,849.75         | *67,027.71            | 67,705.19         | *41,485.07       | 1,700.58          | *16,343.04       | 12,113.53        |
| 23,849.75         | 85,977.71             | 79,876.18         | 194,285.07       | 8,016.68          | 19,893.04        | 21,613.53        |
| 46,195.96         | 195,084.91            | 249,770.95        | 844,213.79       | 17,281.42         | 43,450.82        | 40,007.72        |
| 9.5               | 3.4                   | 8.6               | 5.4              | 38.4              | 0.6              | 2.8              |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Renfrew    | Richmond  | Richmond Hill | Ridgetown  | Ripley    |
|--|------------|-----------|---------------|------------|-----------|
| Population.....  | 7,069      | 556       | 2,123         | 2,211      | 450       |
| <b>ASSETS</b>  | \$         | \$        | \$            | \$         | \$        |
| Lands and buildings.....                                     | 9,393.89   |           |               | 4,487.88   |           |
| Substation equipment.....                                    | 34,619.88  |           | 600.00        | 1,024.24   |           |
| Distribution system—overhead....                             | 73,136.60  | 8,453.82  | 26,339.68     | 38,995.06  | 12,254.47 |
| Distribution system—underground.                             |            |           |               |            |           |
| Line transformers.....                                       | 55,440.89  | 4,587.78  | 25,509.97     | 18,158.38  | 6,508.87  |
| Meters.....  | 44,848.30  | 2,871.00  | 11,210.60     | 14,843.99  | 3,704.43  |
| Street light equipment, regular....                          | 35,694.80  | 287.45    | 3,422.31      | 7,971.62   | 983.43    |
| Street light equipment, ornamental                           |            |           |               |            |           |
| Miscellaneous construction expense                           | 7,056.02   | 35.40     |               | 1,439.78   |           |
| Steam or hydraulic plant.....                                | 496,732.50 |           |               |            |           |
| Old plant.....   |            |           |               |            |           |
| Total plant.....   | 756,922.88 | 16,235.45 | 67,082.56     | 86,920.95  | 23,451.20 |
| Bank and cash balance.....                                   | 354.18     | 568.33    | 890.02        | 4,725.04   | 4,162.99  |
| Securities and investments.....                              |            |           | 5,500.00      | 4,000.00   |           |
| Accounts receivable.....                                     | 20,766.78  | 407.54    | 1,327.63      | 270.37     | 96.23     |
| Inventories.....   | 6,648.83   |           |               | 512.63     |           |
| Sinking fund on local debentures..                           |            |           |               |            |           |
| Equity in H-E.P.C. systems.....                              | 9,451.57   | 7,463.14  | 43,385.97     | 79,140.47  | 15,943.46 |
| Other assets.....  | 6,042.29   |           |               |            |           |
| Frequency standardization expenditure in suspense.....       |            |           | 5,214.03      | 121.36     |           |
| Total assets.....  | 800,186.53 | 24,674.46 | 123,400.21    | 175,690.82 | 43,653.88 |
| <b>LIABILITIES</b>   |            |           |               |            |           |
| Debenture balance.....                                       | 36,124.31  |           |               |            |           |
| Accounts payable.....  | 7,898.11   | 2,450.99  | 6,816.62      | 6,149.24   | 280.00    |
| Bank overdraft.....  |            |           |               |            |           |
| Other liabilities.....                                       |            | 137.87    | 1,080.74      | 922.50     | 164.83    |
| Total liabilities.....                                       | 44,022.42  | 2,588.86  | 7,897.36      | 7,071.74   | 444.83    |
| <b>RESERVES</b>  |            |           |               |            |           |
| For equity in H-E.P.C. systems....                           | 9,451.57   | 7,463.14  | 43,385.97     | 79,140.47  | 15,943.46 |
| For depreciation.....  | 119,942.07 | 3,617.84  | 6,533.48      | 17,825.45  | 5,857.12  |
| Other reserves.....  | 3,270.67   |           | 169.37        | 213.45     |           |
| Total reserves.....  | 132,664.31 | 11,080.98 | 50,088.82     | 97,179.37  | 21,800.58 |
| <b>SURPLUS</b>   |            |           |               |            |           |
| Debentures paid.....   | 475,112.42 | 5,887.33  | 12,200.00     | 19,455.99  | 12,744.49 |
| Local sinking fund.....                                      |            |           |               |            |           |
| Operating surplus.....                                       | 148,387.38 | 5,117.29  | *53,214.03    | *51,983.72 | 8,663.98  |
| Net frequency standardization expense charged this year..... |            |           |               |            |           |
| Total surplus.....   | 623,499.80 | 11,004.62 | 65,414.03     | 71,439.71  | 21,408.47 |
| Total liabilities, reserves and surplus.                     | 800,186.53 | 24,674.46 | 123,400.21    | 175,690.82 | 43,653.88 |
| Percentage of net debt to total assets.                      | 5.6        | 15.0      | 10.6          | 7.3        | 1.6       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as at December 31, 1950

| Riverside<br>8,600 | Rockwood<br>653 | Rodney<br>885 | Rosseau<br>185 | Russell<br>480 | St.<br>Catharines<br>37,543 | St. Clair<br>Beach<br>425 |
|--------------------|-----------------|---------------|----------------|----------------|-----------------------------|---------------------------|
| \$                 | \$              | \$            | \$             | \$             | \$                          | \$                        |
| 12,861.37          | 79.00           |               |                |                | 31,162.35                   |                           |
| 7,859.98           |                 |               |                |                | 313,898.32                  |                           |
| 133,313.00         | 11,600.96       | 13,831.60     | 8,489.07       | 14,296.18      | 461,345.69                  | 13,953.87                 |
| 48,086.98          | 4,402.85        | 6,711.67      | 2,590.16       | 3,680.56       | 338,407.95                  | 5,468.31                  |
| 53,579.95          | 5,168.70        | 6,959.87      | 1,349.42       | 2,878.79       | 248,052.04                  | 3,999.75                  |
|                    | 1,027.82        | 3,651.31      | 623.60         | 1,344.70       | 34,287.14                   | 1,485.48                  |
| 19,504.64          | 346.69          | 35.27         | 1,067.16       | 43.58          | 17,360.40                   | 6.00                      |
| 275,205.92         | 22,626.02       | 31,189.72     | 14,119.41      | 22,243.81      | 1,444,513.89                | 24,913.41                 |
| 100.00             | 4,093.63        | 3,688.29      | 1,864.86       | 2,717.40       | 175.00                      |                           |
|                    | 3,300.00        | 8,200.00      | 2,500.00       | 1,000.00       | 343,000.00                  | 3,000.00                  |
| 9,013.16           | 2.30            | 186.49        | 147.01         | 1,110.98       | 88,746.29                   | 356.09                    |
| 10,629.56          | 88.83           |               |                |                | 44,492.65                   |                           |
| 158,051.93         | 20,626.80       | 25,483.00     | 7,858.02       | 11,178.06      | 1,431,242.33                | 13,225.24                 |
|                    | 13.34           |               |                |                | 698.97                      |                           |
|                    |                 | 10.00         |                |                | 7,565.61                    |                           |
| 453,000.57         | 50,750.92       | 68,757.50     | 26,489.30      | 38,250.25      | 3,360,434.74                | 41,494.74                 |
| 25,803.86          | 191.05          |               | 3,029.59       |                | 1,750.00                    |                           |
| 3,042.71           | 126.94          | 371.50        | 1,050.00       | 421.98         | 103,674.69                  | 58.00                     |
| 2,294.92           | 193.72          | 355.00        | 20.00          | 10.00          | 105,000.97                  | 160.29                    |
|                    |                 |               |                |                | 23,752.00                   | 115.00                    |
| 31,141.49          | 511.71          | 726.50        | 4,099.59       | 431.98         | 234,177.66                  | 333.29                    |
| 158,051.93         | 20,626.80       | 25,483.00     | 7,858.02       | 11,178.06      | 1,431,242.33                | 13,225.24                 |
| 65,943.07          | 10,360.46       | 9,518.83      | 4,262.08       | 1,194.56       | 392,524.79                  | 8,128.75                  |
| 135.37             |                 | 73.15         | 68.74          |                | 3,178.86                    | 34.74                     |
| 224,130.37         | 30,987.26       | 35,074.98     | 12,188.84      | 12,372.62      | 1,826,945.98                | 21,388.73                 |
| 82,500.00          | 4,308.95        | 8,500.00      | 9,970.41       | 8,808.12       | 300,272.91                  | 6,341.45                  |
| 115,228.71         | 14,943.00       | *24,456.02    | 230.46         | 16,637.53      | *999,038.19                 | 13,431.27                 |
| 197,728.71         | 19,251.95       | 32,956.02     | 10,200.87      | 25,445.65      | 1,299,311.10                | 19,772.72                 |
| 453,000.57         | 50,750.92       | 68,757.50     | 26,489.30      | 38,250.25      | 3,360,434.74                | 41,494.74                 |
| 10.6               | 1.7             | 1.7           | 22.0           | 1.6            | 12.1                        | 1.2                       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

### SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | St. George | St. Jacobs | St. Marys  | St. Thomas   |
|--|------------|------------|------------|--------------|
| Population.....  | 611        | 724        | 3,912      | 19,807       |
| <b>ASSETS</b>  | <b>\$</b>  | <b>\$</b>  | <b>\$</b>  | <b>\$</b>    |
| Lands and buildings.....                                     |            |            | 20,021.84  | 79,643.04    |
| Substation equipment.....                                    |            |            | 34,468.45  | 171,432.85   |
| Distribution system—overhead.....                            | 7,466.79   | 9,777.67   | 89,142.34  | 168,108.30   |
| Distribution system—underground.....                         |            |            |            | 101,979.88   |
| Line transformers.....                                       | 8,050.69   | 8,200.61   | 51,299.54  | 110,974.76   |
| Meters.....  | 4,982.67   | 5,409.80   | 34,641.31  | 96,174.69    |
| Street light equipment, regular.....                         | 2,517.13   | 493.20     | 8,155.78   | 33,812.78    |
| Street light equipment, ornamental.....                      |            |            |            |              |
| Miscellaneous construction expense.....                      |            | 61.25      | 24,797.59  | 8,415.61     |
| Steam or hydraulic plant.....                                |            |            |            |              |
| Old plant.....   |            |            |            |              |
| Total plant.....   | 23,017.28  | 23,942.53  | 262,526.85 | 770,541.91   |
| Bank and cash balance.....                                   | 5,160.88   | 3,924.53   | 25.00      | 14,881.96    |
| Securities and investments.....                              | 6,000.00   | 10,000.00  |            | 80,000.00    |
| Accounts receivable.....                                     | 859.69     | 37.00      | 2,086.16   | 26,962.54    |
| Inventories.....   |            |            | 8,993.31   | 25,553.82    |
| Sinking fund on local debentures.....                        |            |            |            |              |
| Equity in H-E.P.C. systems.....                              | 25,923.42  | 32,293.88  | 239,503.85 | 916,166.18   |
| Other assets.....  |            | 10.00      | 323.85     | 3,739.32     |
| Frequency standardization expenditure in suspense.....       |            |            | 1,596.16   | 480.00       |
| Total assets.....  | 60,961.27  | 70,207.94  | 515,055.18 | 1,838,325.73 |
| <b>LIABILITIES</b>   |            |            |            |              |
| Debenture balance.....                                       |            |            | 40,421.91  |              |
| Accounts payable.....  | 104.38     | 23.32      | 87.88      | 0.34         |
| Bank overdraft.....  |            |            | 409.89     |              |
| Other liabilities.....                                       | 180.00     |            | 1,674.00   | 20,617.39    |
| Total liabilities.....                                       | 284.38     | 23.32      | 42,593.68  | 20,617.73    |
| <b>RESERVES</b>  |            |            |            |              |
| For equity in H-E.P.C. systems.....                          | 25,923.42  | 32,293.88  | 239,503.85 | 916,166.18   |
| For depreciation.....  | 721.51     | 6,081.12   | 83,168.90  | 284,289.76   |
| Other reserves.....  |            |            | 701.02     | 349.06       |
| Total reserves.....  | 26,644.93  | 38,375.00  | 323,373.77 | 1,200,805.00 |
| <b>SURPLUS</b>   |            |            |            |              |
| Debentures paid.....   | 6,000.00   | 6,000.00   | 113,838.47 | 138,944.07   |
| Local sinking fund.....                                      |            |            |            |              |
| Operating surplus.....                                       | 28,031.96  | 25,809.62  | *35,249.26 | *477,958.93  |
| Net frequency standardization expense charged this year..... |            |            |            |              |
| Total surplus.....   | 34,031.96  | 31,809.62  | 149,087.73 | 616,903.00   |
| Total liabilities, reserves and surplus..                    | 60,961.27  | 70,207.94  | 515,055.18 | 1,838,325.73 |
| Percentage of net debt to total assets..                     | 0.8        | 0.1        | 15.5       | 2.2          |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



## “A”—Continued

## Utilities as at December 31, 1950

| Sarnia<br>23,550  | Scarborough<br>Twp. (V.A.)<br>.....  | Seaforth<br>2,072   | Shelburne<br>1,257   | Simcoe<br>7,078  | Smiths Falls<br>8,358  |
|---|--|---|--|--|--|
| \$<br>150,770.47<br>255,116.60<br>307,900.34<br>227,969.00<br>161,824.71<br>163,750.23<br>38,002.98<br>105,241.21<br>.....<br>..... | \$<br>31,649.07<br>53,871.51<br>775,076.75<br>.....<br>350,171.45<br>250,932.90<br>54,744.20<br>41,001.55<br>.....<br>1,557,447.43 | \$<br>1,836.39<br>8,930.07<br>42,720.92<br>.....<br>23,794.45<br>15,994.87<br>6,564.34<br>2,453.20<br>.....<br>102,294.24 | \$<br>800.00<br>566.60<br>24,216.12<br>.....<br>17,548.45<br>11,665.83<br>8,737.78<br>289.03<br>.....<br>63,823.81 | \$<br>11,686.59<br>66,506.30<br>88,983.24<br>1,412.24<br>76,023.89<br>54,477.02<br>24,988.58<br>10,586.77<br>.....<br>334,664.63 | \$<br>93,216.96<br>9,782.31<br>122,962.87<br>.....<br>63,544.59<br>54,605.12<br>27,297.72<br>8,580.94<br>.....<br>379,990.51 |
| 1,410,575.54<br>36,390.01<br>15,000.00<br>54,882.64<br>66,560.00<br>1,178,166.08<br>20,437.75<br>59,899.78<br>2,841,911.80          | 1,557,447.43<br>65,504.09<br>.....<br>31,651.96<br>.....<br>415,284.26<br>501.84<br>30,516.14<br>2,100,905.72                      | 102,294.24<br>20.00<br>9,000.00<br>8,417.13<br>942.34<br>113,943.42<br>115.69<br>.....<br>234,732.82                      | 63,823.81<br>4,399.76<br>7,500.00<br>181.55<br>.....<br>36,204.17<br>.....<br>.....<br>112,109.29                  | 334,664.63<br>30.00<br>27,500.00<br>5,695.53<br>21,855.00<br>224,248.94<br>671.34<br>2,079.00<br>616,744.44                      | 379,990.51<br>745.21<br>17,040.00<br>351.68<br>6,520.06<br>211,177.96<br>.....<br>.....<br>615,825.42                        |
| 392,000.00<br>9,442.00<br>.....<br>18,090.74<br>419,532.74  | 493,000.00<br>74,393.78<br>.....<br>166,494.57<br>733,888.35   | 5,308.95<br>428.03<br>7,798.65<br>733.78<br>14,269.41   | .....<br>293.08<br>.....<br>81.00<br>374.08  | 917.06<br>10,669.90<br>3,905.06<br>2,922.14<br>18,414.16   | .....<br>2,489.79<br>.....<br>421.19<br>2,910.98   |
| 1,178,166.08<br>288,793.35<br>14,123.89<br>1,481,083.32   | 415,284.26<br>216,853.71<br>2,157.22<br>634,295.19   | 113,943.42<br>20,620.88<br>221.31<br>134,785.61   | 36,204.17<br>23,268.34<br>.....<br>59,472.51   | 224,248.94<br>76,241.01<br>.....<br>300,489.95   | 211,177.96<br>103,591.37<br>187.83<br>314,957.16   |
| 346,000.00<br>*624,122.54<br>28,826.80<br>941,295.74<br>2,841,911.80  | 297,568.27<br>*521,203.69<br>86,049.78<br>732,722.18<br>2,100,905.72   | 29,691.05<br>55,986.75<br>.....<br>85,677.80<br>234,732.82  | 16,991.04<br>35,271.66<br>.....<br>52,262.70<br>112,109.29   | 74,517.84<br>*223,322.49<br>.....<br>297,840.33<br>616,744.44  | 122,787.33<br>175,169.95<br>.....<br>297,957.28<br>615,825.42  |
| 25.2  | 44.3   | 11.8  | 0.5  | 4.7  | 0.7  |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Smithville | Southampton | Springfield | Stamford Twp. |
|--|------------|-------------|-------------|---------------|
| Population.....  | 631        | 1,724       | 494         | 15,633        |
| ASSETS   | \$         | \$          | \$          | \$            |
| Lands and buildings.....                                     |            | 25.00       |             | 33,702.26     |
| Substation equipment.....                                    |            |             |             | 81,053.02     |
| Distribution system—overhead.....                            | 14,579.84  | 39,282.54   | 14,407.26   | 298,775.07    |
| Distribution system—underground.....                         |            |             |             |               |
| Line transformers.....                                       | 6,343.22   | 17,666.19   | 6,447.45    | 146,573.42    |
| Meters.....  | 6,032.98   | 15,365.57   | 3,224.82    | 102,461.58    |
| Street light equipment, regular.....                         | 1,731.00   | 7,201.30    | 748.54      | 22,041.59     |
| Street light equipment, ornamental.....                      |            |             |             |               |
| Miscellaneous construction expense.....                      | 2,547.50   | 1,092.53    | 213.90      | 24,097.94     |
| Steam or hydraulic plant.....                                |            |             |             |               |
| Old plant.....   |            |             |             |               |
| Total plant.....   | 31,234.54  | 80,633.13   | 25,041.97   | 708,704.88    |
| Bank and cash balance.....                                   | 3,818.79   | 4,186.98    | 1,613.56    | 2,378.06      |
| Securities and investments.....                              | 12,500.00  | 5,500.00    | 1,500.00    | 6,000.00      |
| Accounts receivable.....                                     | 41.33      | 394.28      | 119.93      | 41,483.67     |
| Inventories.....   | 748.92     |             | 653.36      | 32,294.43     |
| Sinking fund on local debentures.....                        |            |             |             |               |
| Equity in H-E.P.C. systems.....                              | 7,273.16   | 32,055.07   | 16,137.67   | 197,526.15    |
| Other assets.....  |            |             |             | 1,468.16      |
| Frequency standardization expenditure in suspense.....       |            |             | 36.76       | 1,975.00      |
| Total assets.....  | 55,616.74  | 122,769.46  | 45,103.25   | 991,830.35    |
| LIABILITIES  |            |             |             |               |
| Debenture balance.....                                       |            |             |             | 184,497.00    |
| Accounts payable.....  | 378.15     |             | 118.28      | 1,960.72      |
| Bank overdraft.....  |            |             |             | 33,066.11     |
| Other liabilities.....                                       | 40.00      | 54.17       | 15.00       | 8,238.06      |
| Total liabilities.....                                       | 418.15     | 54.17       | 133.28      | 227,761.89    |
| RESERVES   |            |             |             |               |
| For equity in H-E.P.C. systems.....                          | 7,273.16   | 32,055.07   | 16,137.67   | 197,526.15    |
| For depreciation.....  | 7,680.67   | 11,450.92   | 5,424.59    | 152,419.31    |
| Other reserves.....  |            |             |             | 3,977.40      |
| Total reserves.....  | 14,953.83  | 43,505.99   | 21,562.26   | 353,922.86    |
| SURPLUS  |            |             |             |               |
| Debentures paid.....   | 15,000.00  | 30,522.93   | 9,500.00    | 255,781.17    |
| Local sinking fund.....                                      |            |             |             |               |
| Operating surplus.....                                       | 25,244.76  | 48,686.37   | *13,907.71  | *154,364.43   |
| Net frequency standardization expense charged this year..... |            |             |             |               |
| Total surplus.....   | 40,244.76  | 79,209.30   | 23,407.71   | 410,145.60    |
| Total liabilities, reserves and surplus.....                 | 55,616.74  | 122,769.46  | 45,103.25   | 991,830.35    |
| Percentage of net debt to total assets.....                  | 0.9        | 0.1         | 0.5         | 28.7          |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## "A"—Continued

## Utilities as at December 31, 1950

| Stayner<br>1,252 | Stirling<br>1,151 | Stoney Creek<br>1,703 | Stouffville<br>1,664 | Stratford<br>18,836 | Strathroy<br>3,581 |
|------------------|-------------------|-----------------------|----------------------|---------------------|--------------------|
| \$               | \$                | \$                    | \$                   | \$                  | \$                 |
| 200.00           | 8,522.88          |                       |                      | 141,455.78          | 9,373.61           |
| 22,303.14        | 8,034.64          |                       |                      | 187,174.58          | 48,999.69          |
|                  | 11,780.05         | 34,424.73             | 21,513.90            | 163,350.25          | 67,769.39          |
|                  |                   |                       |                      | 22,971.15           |                    |
| 13,624.46        | 8,182.30          | 20,357.55             | 12,760.35            | 138,144.74          | 47,816.82          |
| 11,576.91        | 8,910.41          | 16,390.72             | 8,967.99             | 116,711.56          | 24,820.81          |
| 2,180.56         | 3,559.79          | 1,745.88              | 2,427.90             | 27,281.22           | 8,115.66           |
| 535.16           | 773.94            | 456.64                | 439.59               | 31,060.90           | 1,715.88           |
|                  |                   |                       |                      |                     |                    |
| 50,420.23        | 49,764.01         | 73,375.52             | 46,109.73            | 828,150.18          | 208,611.86         |
| 6,454.31         | 9,609.37          | 1,275.13              | 12,198.15            | 30,913.22           | 2,316.69           |
| 11,000.00        | 12,500.00         |                       | 6,000.00             | 398,000.00          | 16,000.00          |
| 581.52           | 1,055.02          | 79.41                 | 126.86               | 31,521.39           | 502.43             |
| 107.53           | 1,308.76          |                       |                      | 39,861.14           | 444.67             |
|                  |                   |                       |                      | 39,880.28           |                    |
| 32,464.21        | 19,535.47         | 3,244.95              | 35,476.74            | 1,058,609.68        | 168,794.94         |
| 200.00           |                   |                       |                      | 3,101.00            |                    |
|                  |                   |                       | 70.09                | 10.00               | 1,813.00           |
| 101,227.80       | 93,772.63         | 77,975.01             | 99,981.57            | 2,430,046.89        | 398,483.59         |
|                  |                   |                       |                      |                     |                    |
| 3,813.18         |                   | 37,121.61             |                      | 50,000.00           | 1,523.28           |
|                  |                   | 1,032.87              |                      | 2,373.67            | 665.95             |
| 406.78           | 409.93            | 505.00                | 670.66               | 7,582.09            | 1,340.59           |
| 4,219.96         | 409.93            | 38,659.48             | 670.66               | 59,955.76           | 3,529.82           |
|                  |                   |                       |                      |                     |                    |
| 32,464.21        | 19,535.47         | 3,244.95              | 35,476.74            | 1,058,609.68        | 168,794.94         |
| 16,061.21        | 11,860.31         | 4,720.42              | 5,127.83             | 486,457.91          | 61,368.62          |
| 38.90            |                   |                       | 50.96                | 3,448.15            | 116.30             |
| 48,564.32        | 31,395.78         | 7,965.37              | 40,655.53            | 1,548,515.74        | 230,279.86         |
|                  |                   |                       |                      |                     |                    |
| 9,557.26         | 10,000.00         | 2,878.39              | 14,673.90            | 405,800.00          | 52,365.57          |
| 38,886.26        | 51,966.92         | 28,471.77             | *43,981.48           | 39,880.28           |                    |
|                  |                   |                       |                      | *375,895.11         | *112,308.34        |
|                  |                   |                       |                      |                     |                    |
| 48,443.52        | 61,966.92         | 31,350.16             | 58,655.38            | 821,575.39          | 164,673.91         |
| 101,227.80       | 93,772.63         | 77,975.01             | 99,981.57            | 2,430,046.89        | 398,483.59         |
| 6.1              | 0.6               | 51.7                  | 1.0                  | 4.4                 | 1.5                |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



**STATEMENT**  
**Balance Sheets of Municipal Electrica**

**SOUTHERN ONTARIO SYSTEM—Continued**

| Municipality.....  | Streetsville | Sunderland | Sutton     | Swansea     |
|--|--------------|------------|------------|-------------|
| Population.....  | 1,020        | 492        | 1,208      | 7,864       |
| <b>ASSETS</b>  | \$           | \$         | \$         | \$          |
| Lands and buildings.....                                     | 12,226.15    |            |            | 5,577.66    |
| Substation equipment.....                                    | 1,172.04     |            |            | 22,759.66   |
| Distribution system—overhead.....                            | 14,753.01    | 7,069.18   | 28,700.90  | 117,122.85  |
| Distribution system—underground.....                         |              |            |            |             |
| Line transformers.....                                       | 13,504.59    | 4,206.15   | 20,742.98  | 59,225.42   |
| Meters.....  | 8,927.19     | 3,971.30   | 7,844.92   | 46,197.78   |
| Street light equipment, regular.....                         | 1,845.62     | 802.58     | 2,813.24   | 24,734.34   |
| Street light equipment, ornamental.....                      |              |            |            |             |
| Miscellaneous construction expense.....                      | 188.41       |            | 1,455.76   | 26,354.57   |
| Steam or hydraulic plant.....                                | 10,641.55    |            |            |             |
| Old plant.....   |              |            |            |             |
| Total plant.....   | 63,258.56    | 16,049.21  | 61,557.80  | 301,972.28  |
| Bank and cash balance.....                                   | 3,966.95     | 6,924.32   | 1,583.63   | 4,214.28    |
| Securities and investments.....                              |              |            | 7,000.00   |             |
| Accounts receivable.....                                     | 655.87       | 178.15     | 3,715.38   | 3,446.52    |
| Inventories.....   |              |            |            | 307.32      |
| Sinking fund on local debentures.....                        |              |            |            |             |
| Equity in H-E.P.C. systems.....                              | 12,004.67    | 18,585.08  | 35,518.19  | 189,068.58  |
| Other assets.....  | 76.80        | 200.00     |            | 12,189.21   |
| Frequency standardization expenditure in suspense.....       | 75.00        |            | 11,439.72  | 244.96      |
| Total assets.....  | 80,037.85    | 41,936.76  | 120,814.72 | 511,443.15  |
| <b>LIABILITIES</b>   |              |            |            |             |
| Debenture balance.....                                       |              |            |            | 29,445.53   |
| Accounts payable.....  | 1,730.87     | 1,808.27   | 3,491.55   | 3,245.78    |
| Bank overdraft.....  |              |            |            |             |
| Other liabilities.....                                       | 335.65       | 15.00      | 15.00      | 5,725.69    |
| Total liabilities.....                                       | 2,066.52     | 1,823.27   | 3,506.55   | 38,417.00   |
| <b>RESERVES</b>  |              |            |            |             |
| For equity in H-E.P.C. systems.....                          | 12,004.67    | 18,585.08  | 35,518.19  | 189,068.58  |
| For depreciation.....  | 8,205.92     | 5,630.21   | 13,771.10  | 60,736.20   |
| Other reserves.....  | 86.00        | 52.28      | 145.84     | 345.59      |
| Total reserves.....  | 20,296.59    | 24,267.57  | 49,435.13  | 250,150.37  |
| <b>SURPLUS</b>   |              |            |            |             |
| Debentures paid.....   | 17,545.08    | 4,627.78   | 25,325.00  | 73,221.43   |
| Local sinking fund.....                                      |              |            |            |             |
| Operating surplus.....                                       | *40,129.66   | 11,218.14  | *42,548.04 | *149,654.35 |
| Net frequency standardization expense charged this year..... |              |            |            |             |
| Total surplus.....   | 57,674.74    | 15,845.92  | 67,873.04  | 222,875.78  |
| Total liabilities, reserves and surplus.....                 | 80,037.85    | 41,936.76  | 120,814.72 | 511,443.15  |
| Percentage of net debt to total assets.....                  | 3.0          | 7.8        | 4.7        | 11.9        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as of December 31, 1950

| Tara<br>477 | Tavistock<br>1,057 | Tecumseh<br>3,335 | Teeswater<br>870 | Thamesford<br>539 | Thamesville<br>886 | Thedford<br>600 |
|-------------|--------------------|-------------------|------------------|-------------------|--------------------|-----------------|
| \$          | \$                 | \$                | \$               | \$                | \$                 | \$              |
| 16,333.09   | 3,783.53           | 1,482.16          | 2,010.00         | 1,083.57          | 19,250.91          | 14,403.25       |
| 5,665.52    | 18,311.74          | 57,447.57         | 22,383.91        | 11,729.45         | 12,085.14          | 8,804.65        |
| 3,331.79    | 11,483.77          | 19,148.43         | 10,532.11        | 4,907.55          | 7,196.58           | 4,261.36        |
| 2,755.90    | 9,106.33           | 23,229.54         | 6,883.30         | 4,547.28          | 3,054.33           | 1,703.10        |
| 150.86      | 1,301.20           | 441.17            | 4,043.35         | 612.03            | 1,387.76           | 286.68          |
| 28,237.16   | 1,096.20           | 1,554.23          |                  | 624.00            |                    |                 |
| 2,648.37    | 45,082.77          | 103,303.10        | 45,852.67        | 22,420.31         | 44,058.29          | 29,459.04       |
| 68.90       | 15.00              | 5,647.98          | 1,387.07         | 825.67            | 2,566.03           | 1,280.70        |
|             | 9,500.00           | 5,000.00          | 11,000.00        | 2,000.00          | 8,000.00           | 10,000.00       |
|             | 221.67             | 1,783.06          | 46.84            | 59.84             | 957.72             | 1,043.64        |
|             | 2,549.74           | 441.25            |                  |                   |                    |                 |
| 16,393.17   | 84,334.17          | 51,877.20         | 23,775.34        | 32,110.67         | 32,180.54          | 18,993.40       |
|             |                    |                   |                  | 13.69             |                    | 200.07          |
| 47,347.60   | 141,703.35         | 168,052.59        | 82,061.92        | 57,430.18         | 87,762.58          | 60,976.85       |
| 41.04       |                    | 313.47            |                  | 69.25             | 4,476.78           | 52.23           |
|             | 517.32             |                   |                  |                   |                    |                 |
|             |                    | 781.40            | 819.00           | 101.00            | 709.26             | 129.33          |
| 41.04       | 517.32             | 1,094.87          | 819.00           | 170.25            | 5,186.04           | 181.56          |
| 16,393.17   | 84,334.17          | 51,877.20         | 23,775.34        | 32,110.67         | 32,180.54          | 18,993.40       |
| 4,255.02    | 17,715.19          | 27,929.36         | 12,917.21        | 7,147.28          | 13,900.87          | 5,839.99        |
|             |                    | 494.01            |                  |                   | 143.38             |                 |
| 20,648.19   | 102,049.36         | 80,300.57         | 36,692.55        | 39,257.95         | 46,224.79          | 24,833.39       |
| 14,263.64   | 6,000.00           | 26,000.00         | 21,296.14        | 5,358.03          | 11,187.80          | 16,500.00       |
| 12,394.73   | 33,136.67          | 60,657.15         | 23,254.23        | *12,643.95        | 25,163.95          | *19,461.90      |
| 26,658.37   | 39,136.67          | 86,657.15         | 44,550.37        | 18,001.98         | 36,351.75          | 35,961.90       |
| 47,347.60   | 141,703.35         | 168,052.59        | 82,061.92        | 57,430.18         | 87,762.58          | 60,976.85       |
| 0.1         | 0.9                | 0.9               | 1.4              | 0.7               | 9.3                | 0.4             |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Thornbury | Thorndale | Thornton  | Thorold    |
|--|-----------|-----------|-----------|------------|
| Population.....  | 975       | 263       | 183       | 6,389      |
| <b>ASSETS</b>  | <b>\$</b> | <b>\$</b> | <b>\$</b> | <b>\$</b>  |
| Lands and buildings.....                                     |           |           |           | 15,198.45  |
| Substation equipment.....                                    | 4,404.73  |           |           | 51,711.17  |
| Distribution system—overhead.....                            | 15,539.71 | 5,745.00  | 8,048.32  | 81,143.55  |
| Distribution system—underground.....                         |           |           |           |            |
| Line transformers.....                                       | 11,295.69 | 3,495.62  | 3,017.29  | 43,388.09  |
| Meters.....  | 7,637.39  | 2,667.61  | 1,409.12  | 39,489.78  |
| Street light equipment, regular.....                         | 1,400.86  | 417.81    | 519.06    | 10,687.47  |
| Street light equipment, ornamental.....                      |           |           |           |            |
| Miscellaneous construction expense.....                      | 336.00    |           |           | 8,396.63   |
| Steam or hydraulic plant.....                                | 36,000.00 |           |           |            |
| Old plant.....   |           |           |           |            |
| Total plant.....   | 76,614.38 | 12,326.04 | 12,993.79 | 250,015.14 |
| Bank and cash balance.....                                   |           | 2,665.46  | 330.48    | 50.00      |
| Securities and investments.....                              |           | 1,100.00  |           |            |
| Accounts receivable.....                                     | 759.07    | 449.56    | 35.22     | 4,183.52   |
| Inventories.....   | 75.00     | 845.53    |           | 8,159.88   |
| Sinking fund on local debentures.....                        |           |           |           |            |
| Equity in H-E.P.C. systems.....                              | 2,100.74  | 15,767.50 | 6,340.81  | 207,077.57 |
| Other assets.....  |           |           | 260.61    |            |
| Frequency standardization expenditure in suspense.....       |           | 13.70     |           |            |
| Total assets.....  | 79,549.19 | 33,167.79 | 19,960.91 | 469,486.11 |
| <b>LIABILITIES</b>   |           |           |           |            |
| Debenture balance.....                                       | 5,052.14  |           |           |            |
| Accounts payable.....  | 1,898.10  | 61.52     | 271.59    | 1,713.54   |
| Bank overdraft.....  | 1,370.18  |           |           | 6,755.29   |
| Other liabilities.....                                       | 15.00     | 50.57     | 50.00     | 3,082.50   |
| Total liabilities.....                                       | 8,335.42  | 112.09    | 321.59    | 11,551.33  |
| <b>RESERVES</b>  |           |           |           |            |
| For equity in H-E.P.C. systems.....                          | 2,100.74  | 15,767.50 | 6,340.81  | 207,077.57 |
| For depreciation.....  | 4,092.50  | 4,691.22  | 7,118.07  | 46,391.64  |
| Other reserves.....  |           | 27.73     |           |            |
| Total reserves.....  | 6,193.24  | 20,486.45 | 13,458.88 | 253,469.21 |
| <b>SURPLUS</b>   |           |           |           |            |
| Debentures paid.....   | 50,947.86 | 3,086.48  | 7,199.65  | 5,000.00   |
| Local sinking fund.....                                      |           |           |           |            |
| Operating surplus.....                                       | 14,072.67 | *9,482.77 | 1,019.21  | 199,465.57 |
| Net frequency standardization expense charged this year..... |           |           |           |            |
| Total surplus.....   | 65,020.53 | 12,569.25 | 6,180.44  | 204,465.57 |
| Total liabilities, reserves and surplus.....                 | 79,549.19 | 33,167.79 | 19,960.91 | 469,486.11 |
| Percentage of net debt to total assets.....                  | 10.8      | 0.6       | 2.4       | 4.4        |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



## "A"—Continued

## Utilities as at December 31, 1950

| Tilbury<br>2,848 | Tillsonburg<br>4,991 | Toronto<br>667,487 | Toronto<br>Twp. (V.A.) | Tottenham<br>594 | Tráfalgar<br>Twp. (V.A.) |
|------------------|----------------------|--------------------|------------------------|------------------|--------------------------|
| \$<br>11,987.47  | \$<br>30,063.37      | \$<br>5,928,886.65 | \$<br>15,768.66        | \$<br>358.50     | \$<br>12,896.07          |
| 33,285.89        | 21,931.04            | 17,230,927.10      | 438,188.14             | 14,048.63        | 839.61                   |
| 28,589.58        | 83,889.65            | 8,163,710.70       | 258,419.50             | 6,077.65         | 79,023.81                |
| 15,010.93        | 4,893,161.49         | 5,245,360.87       | 126,663.17             | 5,052.30         | 41,153.32                |
| 18,231.76        | 56,498.87            | 3,581,122.45       | 20,625.83              | 1,560.07         | 21,646.66                |
| 2,833.44         | 40,724.27            | 917,793.08         | 27,001.58              | 737.76           | 192.54                   |
|                  | 27,098.70            | 2,736,554.58       |                        |                  | 4,429.84                 |
| 109,939.07       | 7,041.92             | 48,697,516.92      | 886,666.88             | 27,834.91        | 160,181.85               |
| 1,593.76         | 267,247.82           | 628,048.75         | 17,958.58              | 638.98           | 20.00                    |
| 352.77           | 100.00               | 10,965,400.00      | 8,300.00               | 86.00            | 3,620.26                 |
| 76.69            | 942.52               | 2,907,247.01       | 31,997.23              | 346.67           | 6,662.90                 |
| 100,298.15       | 5,034.56             | 1,419,857.78       | 58,549.69              | 20,283.22        | 27,302.93                |
| 18.82            | 169,361.52           | 38,253,711.66      | 261,052.25             | 266.12           | 3,604.00                 |
| 5.00             | 401,525.93           | 266.12             | 3,604.00               |                  |                          |
| 212,284.26       | 442,686.42           | 103,273,308.05     | 1,268,394.75           | 49,189.78        | 197,787.94               |
| 373.00           | 5,968.10             | 337,000.00         | 120,074.29             | 8,908.53         | 28,883.52                |
| 947.25           | 38,741.37            | 1,856,660.83       | 167,574.92             | 304.60           | 7,846.84                 |
| 1,320.25         | 4,843.51             | 185,952.85         | 10,002.52              |                  | 22,738.66                |
|                  | 49,552.98            | 2,379,613.68       | 297,651.73             | 9,213.13         | 953.00                   |
| 100,298.15       | 218,809.66           | 58,376,504.48      | 470,655.01             | 24,678.18        | 61,005.16                |
| 31,623.00        | 40,031.90            | 29,191,020.28      | 108,925.71             | 12,526.44        | 30,004.04                |
| 148.60           | 49,275.94            | 18,877,556.94      | 208,348.34             | 4,394.96         | 33,502.23                |
|                  | 172.20               | 1,245,235.88       | 1,254.42               |                  | 200.00                   |
| 132,069.75       | 218,809.66           | 58,376,504.48      | 470,655.01             | 24,678.18        | 61,005.16                |
| 14,000.00        | 40,031.90            | 29,191,020.28      | 108,925.71             | 12,526.44        | 30,004.04                |
| *64,894.26       | 134,291.88           | 13,400,846.37      | *391,162.30            | 2,772.03         | 46,356.72                |
|                  |                      | 74,676.76          |                        |                  |                          |
| 78,894.26        | 174,323.78           | 42,517,189.89      | 500,088.01             | 15,298.47        | 76,360.76                |
| 212,284.26       | 442,686.42           | 103,273,308.05     | 1,268,394.75           | 49,189.78        | 197,787.94               |
| 1.2              | 18.1                 | 3.7                | 29.7                   | 31.9             | 35.4                     |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Trenton    | Tweed      | Uxbridge   | Victoria<br>Harbour |
|--|------------|------------|------------|---------------------|
| Population.....  | 9,766      | 1,659      | 1,734      | 969                 |
| ASSETS   | \$         | \$         | \$         | \$                  |
| Lands and buildings.....                                     | 6,454.06   |            |            |                     |
| Substation equipment.....                                    | 61,856.00  |            | 2,657.65   |                     |
| Distribution system—overhead.....                            | 162,199.81 | 26,558.89  | 27,278.34  | 14,698.80           |
| Distribution system—underground.....                         |            |            |            |                     |
| Line transformers.....                                       | 61,583.61  | 14,690.87  | 12,638.53  | 3,660.33            |
| Meters.....  | 64,484.67  | 9,560.41   | 10,976.33  | 5,962.42            |
| Street light equipment, regular.....                         | 27,660.75  | 3,897.02   | 2,177.71   | 525.70              |
| Street light equipment, ornamental.....                      |            |            |            |                     |
| Miscellaneous construction expense.....                      | 10,728.84  | 22.50      | 126.65     | 120.70              |
| Steam or hydraulic plant.....                                |            |            |            |                     |
| Old plant.....   |            |            |            |                     |
| Total plant.....   | 394,967.74 | 54,729.69  | 55,855.21  | 24,967.95           |
| Bank and cash balance.....                                   | 200.00     | 7,340.24   | 8,027.87   | 1,731.82            |
| Securities and investments.....                              | 105,500.00 | 12,000.00  | 10,000.00  | 1,500.00            |
| Accounts receivable.....                                     | 1,257.34   | 3,718.81   | 454.36     | 497.07              |
| Inventories.....   | 17,354.72  | 5,116.25   | 202.15     |                     |
| Sinking fund on local debentures.....                        |            |            |            |                     |
| Equity in H-E.P.C. systems.....                              | 214,369.55 | 23,785.30  | 39,624.51  | 12,052.04           |
| Other assets.....  | 180.46     |            | 984.80     |                     |
| Frequency standardization expenditure in suspense.....       |            |            |            |                     |
| Total assets.....  | 733,829.81 | 106,690.29 | 115,148.90 | 40,748.88           |
| LIABILITIES  |            |            |            |                     |
| Debenture balance.....                                       |            |            |            |                     |
| Accounts payable.....  | 1,649.03   | 17.34      | 427.40     |                     |
| Bank overdraft.....  | 7,417.24   |            |            |                     |
| Other liabilities.....                                       | 6,592.82   | 477.49     | 892.00     |                     |
| Total liabilities.....                                       | 15,659.09  | 494.83     | 1,319.40   |                     |
| RESERVES   |            |            |            |                     |
| For equity in H-E.P.C. systems.....                          | 214,369.55 | 23,785.30  | 39,624.51  | 12,052.04           |
| For depreciation.....  | 117,903.55 | 3,138.66   | 8,367.12   | 8,183.19            |
| Other reserves.....  |            | 151.00     | 184.37     |                     |
| Total reserves.....  | 332,273.10 | 27,074.96  | 48,176.00  | 20,235.23           |
| SURPLUS  |            |            |            |                     |
| Debentures paid.....   | 164,586.70 | 19,000.00  | 15,364.09  | 5,878.70            |
| Local sinking fund.....                                      |            |            |            |                     |
| Operating surplus.....                                       | 221,310.92 | 60,120.50  | 50,289.41  | 14,634.95           |
| Net frequency standardization expense charged this year..... |            |            |            |                     |
| Total surplus.....   | 385,897.62 | 79,120.50  | 65,653.50  | 20,513.65           |
| Total liabilities, reserves and surplus.....                 | 733,829.81 | 106,690.29 | 115,148.90 | 40,748.88           |
| Percentage of net debt to total assets.....                  | 3.0        | 0.6        | 1.7        | 0.0                 |

## “A”—Continued

## Utilities as at December 31, 1950

| Walkerton<br>3,247 | Wallaceburg<br>7,225 | Wardsville<br>365 | Warkworth<br>522 | Waterdown<br>1,306 | Waterford<br>1,677 |
|--------------------|----------------------|-------------------|------------------|--------------------|--------------------|
| \$                 | \$                   | \$                | \$               | \$                 | \$                 |
| 47.92              | 56,112.80            |                   |                  | 200.00             | 1,323.44           |
|                    | 68,938.83            |                   |                  |                    |                    |
| 56,664.97          | 127,339.10           | 7,679.70          | 8,010.40         | 23,904.15          | 18,915.28          |
|                    |                      |                   |                  |                    |                    |
| 34,909.17          | 86,139.55            | 3,336.34          | 3,919.38         | 13,393.08          | 15,480.90          |
| 22,511.88          | 48,407.25            | 2,746.89          | 3,118.49         | 9,328.54           | 11,458.78          |
| 8,436.37           | 13,952.09            | 662.94            | 378.10           | 1,532.97           | 3,607.91           |
|                    |                      |                   |                  |                    |                    |
| 3,642.04           | 7,464.62             | 119.18            | 609.19           | 1,181.08           | 2,219.83           |
|                    |                      |                   |                  |                    |                    |
| 4,897.60           |                      |                   | 3,618.02         |                    |                    |
|                    |                      |                   |                  |                    |                    |
| 131,109.95         | 408,354.24           | 14,545.05         | 19,653.58        | 49,539.82          | 53,006.14          |
|                    |                      |                   |                  |                    |                    |
| 6,110.46           | 54,862.81            | 228.12            | 1,523.40         | 551.12             | 4,058.37           |
| 40,000.00          | 70,500.00            | 3,500.00          | 4,200.00         | 4,000.00           | 11,000.00          |
| 870.37             | 10,866.90            | 693.45            | 96.22            | 550.92             | 182.06             |
| 678.56             | 29,625.41            |                   |                  | 52.85              | 316.00             |
|                    |                      |                   |                  |                    |                    |
| 52,249.21          | 395,709.52           | 7,233.57          | 8,112.54         | 39,521.11          | 59,107.51          |
| 2,121.65           | 6.50                 |                   |                  | 20.00              | 19.39              |
|                    |                      |                   |                  |                    |                    |
|                    | 4,000.00             |                   |                  |                    |                    |
|                    |                      |                   |                  |                    |                    |
| 233,140.20         | 973,925.38           | 26,200.19         | 33,585.74        | 94,235.82          | 127,689.47         |
|                    |                      |                   |                  |                    |                    |
| 4,814.56           |                      |                   | 2,769.10         |                    |                    |
| 741.85             | 2,253.24             | 457.07            | 3,820.23         | 475.47             | 133.39             |
|                    |                      |                   |                  |                    |                    |
| 731.00             | 4,024.01             |                   | 25.20            | 129.28             | 264.00             |
|                    |                      |                   |                  |                    |                    |
| 6,287.41           | 6,277.25             | 457.07            | 6,614.53         | 604.75             | 397.39             |
|                    |                      |                   |                  |                    |                    |
| 52,249.21          | 395,709.52           | 7,233.57          | 8,112.54         | 39,521.11          | 59,107.51          |
| 13,750.71          | 109,392.43           | 4,675.73          | 2,182.47         | 13,580.02          | 16,377.68          |
| 37.15              | 1,919.11             | 25.22             |                  |                    |                    |
|                    |                      |                   |                  |                    |                    |
| 66,037.07          | 507,021.06           | 11,934.52         | 10,295.01        | 53,101.13          | 75,485.19          |
|                    |                      |                   |                  |                    |                    |
| 58,185.44          | 71,536.58            | 7,562.40          | 8,230.90         | 8,000.00           | 7,745.53           |
|                    |                      |                   |                  |                    |                    |
| 102,630.28         | *389,090.49          | 6,246.20          | 8,445.30         | 32,529.94          | 44,061.36          |
|                    |                      |                   |                  |                    |                    |
|                    |                      |                   |                  |                    |                    |
| 160,815.72         | 460,627.07           | 13,808.60         | 16,676.20        | 40,529.94          | 51,806.89          |
|                    |                      |                   |                  |                    |                    |
| 233,140.20         | 973,925.38           | 26,200.19         | 33,585.74        | 94,235.82          | 127,689.47         |
|                    |                      |                   |                  |                    |                    |
| 3.5                | 1.1                  | 2.4               | 26.0             | 1.1                | 0.6                |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.



# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Waterloo     | Watford    | Waubau-<br>shene | Welland      |
|---|--------------|------------|------------------|--------------|
| Population.....   | 11,465       | 1,131      | .....            | 15,729       |
| <b>ASSETS</b>   | \$           | \$         | \$               | \$           |
| Lands and buildings.....  | 20,996.05    | 857.01     | .....            | 79,869.27    |
| Substation equipment.....   | 124,724.88   | .....      | .....            | 170,953.98   |
| Distribution system—overhead.....                                     | 148,024.95   | 19,098.56  | 12,870.84        | 225,080.23   |
| Distribution system—underground.....                                  | .....        | .....      | .....            | 9,495.59     |
| Line transformers.....  | 104,187.67   | 9,323.02   | 4,926.00         | 151,635.61   |
| Meters.....   | 63,995.12    | 8,034.85   | 4,329.35         | 110,815.46   |
| Street light equipment, regular.....                                  | 16,460.18    | 2,824.74   | 471.57           | 46,800.47    |
| Street light equipment, ornamental.....                               | .....        | .....      | .....            | .....        |
| Miscellaneous construction expense..                                  | 10,635.39    | 177.61     | 10.00            | 13,827.45    |
| Steam or hydraulic plant.....   | .....        | .....      | .....            | .....        |
| Old plant.....  | .....        | .....      | .....            | .....        |
| Total plant.....  | 489,024.24   | 40,315.79  | 22,607.76        | 808,478.06   |
| Bank and cash balance.....  | 200.00       | 6,121.83   | 1,035.28         | 25,400.90    |
| Securities and investments.....                                       | .....        | 20,000.00  | .....            | 64,109.50    |
| Accounts receivable.....  | 2,891.11     | 676.57     | 904.33           | 5,677.21     |
| Inventories.....  | 15,694.32    | 876.01     | .....            | 25,670.59    |
| Sinking fund on local debentures.....                                 | .....        | .....      | .....            | .....        |
| Equity in H-E.P.C. systems.....                                       | 522,132.88   | 47,461.15  | 9,578.67         | 648,986.22   |
| Other assets.....   | 238.25       | 3.24       | 19.47            | 371.33       |
| Frequency standardization expendi-<br>ture in suspense.....           | .....        | 189.24     | .....            | 909.00       |
| Total assets.....   | 1,030,180.80 | 115,643.83 | 34,145.51        | 1,579,602.81 |
| <b>LIABILITIES</b>  | .....        | .....      | .....            | .....        |
| Debenture balance.....  | .....        | .....      | .....            | .....        |
| Accounts payable.....   | 8,065.86     | 157.77     | 1,001.68         | 6,363.57     |
| Bank overdraft.....   | 1,219.80     | .....      | .....            | .....        |
| Other liabilities.....  | 5,165.00     | 367.10     | 200.00           | 16,136.56    |
| Total liabilities.....  | 14,450.66    | 524.87     | 1,201.68         | 22,500.13    |
| <b>RESERVES</b>   | .....        | .....      | .....            | .....        |
| For equity in H-E.P.C. systems.....                                   | 522,132.88   | 47,461.15  | 9,578.67         | 648,986.22   |
| For depreciation.....   | 209,234.68   | 15,802.35  | 3,576.21         | 265,317.90   |
| Other reserves.....   | 401.80       | 92.53      | 125.00           | 2,594.12     |
| Total reserves.....   | 731,769.36   | 63,356.03  | 13,279.88        | 916,898.24   |
| <b>SURPLUS</b>  | .....        | .....      | .....            | .....        |
| Debentures paid.....  | 106,000.00   | 9,055.77   | 3,242.34         | 275,000.00   |
| Local sinking fund.....   | .....        | .....      | .....            | .....        |
| Operating surplus.....  | 177,960.78   | *42,707.16 | 16,421.61        | *365,204.44  |
| Net frequency standardization ex-<br>penditure charged this year..... | .....        | .....      | .....            | .....        |
| Total surplus.....  | 283,960.78   | 51,762.93  | 19,663.95        | 640,204.44   |
| Total liabilities, reserves and surplus..                             | 1,030,180.80 | 115,643.83 | 34,145.51        | 1,579,602.81 |
| Percentage of net debt to total assets..                              | 2.8          | 0.8        | 4.9              | 2.4          |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as of December 31, 1950

| Wellesley<br>560 | Wellington<br>998 | West Lorne<br>995 | Weston<br>8,018 | Westport<br>720 | Wheatley<br>1,003 | Whitby<br>7,021 |
|------------------|-------------------|-------------------|-----------------|-----------------|-------------------|-----------------|
| \$               | \$                | \$                | \$              | \$              | \$                | \$              |
| .....            | 225.00            | 22,843.56         | 22,455.44       | .....           | 52.50             | 91,586.94       |
| .....            | 499.80            | .....             | 70,669.18       | .....           | .....             | 34,288.16       |
| 9,340.88         | 17,757.37         | 17,408.15         | 165,932.49      | 9,321.71        | 25,994.50         | 91,764.22       |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 5,266.54         | 10,695.49         | 8,651.95          | 104,030.78      | 2,944.02        | 15,515.78         | 31,825.47       |
| 4,536.53         | 9,511.74          | 7,628.96          | 57,800.30       | 3,470.87        | 9,667.51          | 33,313.38       |
| 844.94           | 2,142.77          | 3,774.37          | 16,085.90       | 774.24          | 9,624.15          | 14,279.03       |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 601.53           | 139.20            | 360.00            | 6,762.67        | 1,321.29        | 1,277.54          | 13,359.75       |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| .....            | .....             | .....             | .....           | 1,713.00        | .....             | 1,340.13        |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 20,590.42        | 40,971.37         | 60,666.99         | 443,736.76      | 19,545.13       | 62,131.98         | 311,757.08      |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 2,861.55         | 7,792.90          | 3,391.64          | 150.00          | 1,393.00        | 4,220.67          | 6,109.81        |
| 6,000.00         | 9,500.00          | .....             | .....           | 3,500.00        | .....             | .....           |
| .....            | 237.91            | 370.44            | 8,157.91        | .....           | 559.22            | 5,665.86        |
| 73.41            | .....             | 460.27            | 15,986.41       | .....           | .....             | 11,275.80       |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 27,814.36        | 21,698.10         | 46,308.19         | 456,489.46      | 11,903.37       | 28,699.39         | 109,028.06      |
| .....            | .....             | 46.44             | 988.60          | .....           | .....             | 164.14          |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| .....            | .....             | 5.00              | 292.50          | .....           | .....             | .....           |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 57,339.74        | 80,200.28         | 111,248.97        | 925,801.64      | 36,341.50       | 95,611.26         | 444,000.75      |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| .....            | .....             | .....             | 14,000.00       | 1,189.75        | 9,000.00          | 587.37          |
| .....            | 10.43             | 4,008.00          | 22,344.93       | 151.68          | 87.44             | 4,813.09        |
| .....            | .....             | .....             | 29,364.86       | .....           | .....             | .....           |
| 5.00             | 46.25             | 295.00            | 1,897.52        | 342.42          | 155.00            | 3,071.31        |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 5.00             | 56.68             | 4,303.00          | 67,607.31       | 1,683.85        | 9,242.44          | 8,471.77        |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 27,814.36        | 21,698.10         | 46,308.19         | 456,489.46      | 11,903.37       | 28,699.39         | 109,028.06      |
| 6,611.19         | 5,605.38          | 13,657.46         | 82,896.36       | 3,512.82        | 14,481.53         | 64,061.90       |
| .....            | .....             | 65.12             | 558.55          | .....           | 44.30             | .....           |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 34,425.55        | 27,303.48         | 60,030.77         | 539,944.37      | 15,416.19       | 43,225.22         | 173,089.96      |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 7,500.00         | 13,816.12         | 8,000.00          | 70,532.44       | 13,810.25       | 13,000.00         | 76,025.13       |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 15,409.19        | 39,024.00         | *38,915.20        | *247,717.52     | 5,431.21        | 30,143.60         | 186,413.89      |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 22,909.19        | 52,840.12         | 46,915.20         | 318,249.96      | 19,241.46       | 43,143.60         | 262,439.02      |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 57,339.74        | 80,200.28         | 111,248.97        | 925,801.64      | 36,341.50       | 95,611.26         | 444,000.75      |
| .....            | .....             | .....             | .....           | .....           | .....             | .....           |
| 0.0              | 0.1               | 7.8               | 14.4            | 6.9             | 13.8              | 2.5             |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Warton     | Williams-<br>burg<br>300 | Winchester | Windermere |
|--|------------|--------------------------|------------|------------|
| Population .....   | 1,983      |                          | 1,152      | 135        |
| <b>ASSETS</b>  | <b>\$</b>  | <b>\$</b>                | <b>\$</b>  | <b>\$</b>  |
| Lands and buildings.....                                     |            |                          | 299.85     |            |
| Substation equipment.....                                    | 333.57     |                          |            |            |
| Distribution system—overhead.....                            | 30,989.68  | 7,792.68                 | 16,089.33  | 10,879.21  |
| Distribution system—underground.....                         |            |                          |            |            |
| Line transformers.....                                       | 16,407.52  | 2,860.65                 | 11,083.95  | 6,503.32   |
| Meters.....  | 12,736.09  | 2,558.16                 | 8,757.08   | 2,018.29   |
| Street light equipment, regular.....                         | 4,076.69   | 1,718.48                 | 3,089.40   | 247.26     |
| Street light equipment, ornamental.....                      |            |                          |            |            |
| Miscellaneous construction expense.....                      | 5,572.95   | 35.38                    | 123.00     | 525.65     |
| Steam or hydraulic plant.....                                |            |                          |            |            |
| Old plant.....   | 1,870.35   |                          | 1,100.00   |            |
| Total plant.....   | 71,986.85  | 14,965.35                | 40,542.61  | 20,173.73  |
| Bank and cash balance.....                                   | 5,967.05   | 7,778.20                 | 2,583.00   | 804.69     |
| Securities and investments.....                              | 17,000.00  | 19,000.00                | 10,500.00  | 1,600.00   |
| Accounts receivable.....                                     | 1,864.73   | 1,056.69                 | 186.54     | 28.88      |
| Inventories.....   |            | 75.90                    |            |            |
| Sinking fund on local debentures.....                        |            |                          |            |            |
| Equity in H-E.P.C. systems.....                              | 33,571.60  | 11,532.32                | 38,457.58  | 5,649.09   |
| Other assets.....  | 74.00      |                          |            | 228.90     |
| Frequency standardization expenditure in suspense.....       |            |                          |            |            |
| Total assets.....  | 130,464.23 | 54,408.46                | 92,269.73  | 28,485.29  |
| <b>LIABILITIES</b>   |            |                          |            |            |
| Debenture balance.....                                       | 5,580.29   |                          |            | 991.47     |
| Accounts payable.....  | 3,001.07   | 7,269.81                 | 777.18     | 27.27      |
| Bank overdraft.....  |            |                          |            |            |
| Other liabilities.....                                       | 172.21     | 293.43                   | 160.00     |            |
| Total liabilities.....                                       | 8,753.57   | 7,563.24                 | 937.18     | 1,018.74   |
| <b>RESERVES</b>  |            |                          |            |            |
| For equity in H-E.P.C. systems.....                          | 33,571.60  | 11,532.32                | 38,457.58  | 5,649.09   |
| For depreciation.....  | 7,636.84   | 1,753.01                 | 11,257.87  | 5,756.17   |
| Other reserves.....  | 84.95      | 310.82                   |            |            |
| Total reserves.....  | 41,293.39  | 13,596.15                | 49,715.45  | 11,405.26  |
| <b>SURPLUS</b>   |            |                          |            |            |
| Debentures paid.....   | 31,819.71  | 2,750.00                 | 10,306.06  | 10,771.83  |
| Local sinking fund.....                                      |            |                          |            |            |
| Operating surplus.....                                       | 48,597.56  | 30,499.07                | 31,311.04  | 5,289.46   |
| Net frequency standardization expense charged this year..... |            |                          |            |            |
| Total surplus.....   | 80,417.27  | 33,249.07                | 41,617.10  | 16,061.29  |
| Total liabilities, reserves and surplus.....                 | 130,464.23 | 54,408.46                | 92,269.73  | 28,485.29  |
| Percentage of net debt to total assets.....                  | 9.0        | 17.6                     | 1.7        | 4.5        |



## “A”—Continued

## Utilities as at December 31, 1950

| Windsor       | Wingham    | Woodbridge | Woodstock    | Woodville | Wyoming    |
|---------------|------------|------------|--------------|-----------|------------|
| 121,011       | 2,611      | 1,592      | 14,710       | 375       | 648        |
| \$            | \$         | \$         | \$           | \$        | \$         |
| 620,570.11    | 23,619.11  |            | 69,076.18    |           | 50.00      |
| 1,755,141.26  | 6,822.13   |            | 196,260.70   |           |            |
| 1,628,041.44  | 57,776.62  | 24,984.55  | 201,843.23   | 4,180.70  | 14,401.31  |
| 651,665.49    |            |            |              |           |            |
| 773,441.05    | 27,975.68  | 14,797.10  | 119,052.27   | 1,987.43  | 5,227.40   |
| 749,793.32    | 25,442.82  | 9,623.50   | 109,607.13   | 2,868.61  | 5,428.29   |
| 106,986.59    | 11,734.97  | 2,805.87   | 36,461.16    | 738.77    | 548.49     |
|               |            |            |              |           |            |
| 184,154.05    | 16,580.53  | 42.60      | 19,545.20    |           | 1.00       |
|               | 14,711.99  |            | 24,757.20    |           |            |
|               | 12,320.02  |            |              |           |            |
|               |            |            |              |           |            |
| 6,469,793.31  | 196,983.87 | 52,253.62  | 776,603.07   | 9,775.51  | 25,656.49  |
|               |            |            |              |           |            |
| 1,500.00      | 5,080.53   | 2,894.17   | 15,339.31    | 2,609.36  | 1,997.88   |
| 1,096,895.41  |            | 12,000.00  | 80,000.00    | 5,000.00  | 2,100.00   |
| 378,958.28    | 3,189.07   | 103.21     | 8,649.69     | 228.75    | 190.58     |
| 472,088.98    | 21,799.78  | 74.00      | 237.30       |           |            |
| 110,470.12    |            |            |              |           |            |
| 6,205,182.25  | 78,484.76  | 64,953.81  | 781,856.53   | 17,547.90 | 15,861.28  |
| 1,270.30      | 503.97     |            | 388.87       | 300.00    |            |
|               |            |            |              |           |            |
| 8,336.17      |            | 42.80      | 2,150.00     |           | 2,759.30   |
|               |            |            |              |           |            |
| 14,744,494.82 | 306,041.98 | 132,321.61 | 1,665,224.77 | 35,461.52 | 48,565.53  |
|               |            |            |              |           |            |
| 190,000.00    | 2,876.34   |            | 160,000.00   |           |            |
| 197,118.34    | 93.14      | 7,347.37   | 3,353.73     | 1,017.85  | 3,354.91   |
| 406,352.83    |            |            |              |           |            |
| 137,158.30    | 1,690.15   | 1,107.37   | 10,436.42    | 10.00     | 48.89      |
|               |            |            |              |           |            |
| 930,629.47    | 4,659.63   | 8,454.74   | 173,790.15   | 1,027.85  | 3,403.80   |
|               |            |            |              |           |            |
| 6,205,182.25  | 78,484.76  | 64,953.81  | 781,856.53   | 17,547.90 | 15,861.28  |
| 2,290,741.65  | 45,885.65  | 17,211.96  | 237,967.40   | 3,390.05  | 7,820.68   |
| 236,656.88    |            |            | 1,086.01     | 544.81    | 32.63      |
|               |            |            |              |           |            |
| 8,732,580.78  | 124,370.41 | 82,165.77  | 1,020,909.94 | 21,482.76 | 23,714.59  |
|               |            |            |              |           |            |
| 2,393,832.05  | 93,229.16  | 8,499.97   | 127,385.63   | 5,248.09  | 9,700.00   |
| 110,470.12    |            |            |              |           |            |
| *2,576,982.40 | 83,782.78  | *33,201.13 | *343,139.05  | 7,702.82  | *11,747.14 |
|               |            |            |              |           |            |
|               |            |            |              |           |            |
| 5,081,284.57  | 177,011.94 | 41,701.10  | 470,524.68   | 12,950.91 | 21,447.14  |
|               |            |            |              |           |            |
| 14,744,494.82 | 306,041.98 | 132,321.61 | 1,665,224.77 | 35,461.52 | 48,565.53  |
|               |            |            |              |           |            |
| 10.9          | 2.0        | 12.6       | 19.7         | 5.7       | 10.4       |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

# STATEMENT

## Balance Sheets of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Concluded

## THUNDER

| Municipality.....  | York Twp.     | Zurich    | SOUTHERN<br>ONTARIO<br>SYSTEM<br>SUMMARY | Fort<br>William<br>34,409 |
|--|---------------|-----------|--|---------------------------|
| Population.....  | 95,669        | 572       |  |                           |
| <b>ASSETS</b>  | \$            | \$        | \$                                       | \$                        |
| Lands and buildings.....                                     | 254,537.71    |           | 15,690,604.61                            | 182,519.04                |
| Substation equipment.....                                    | 499,147.43    |           | 35,391,782.76                            | 400,321.40                |
| Distribution system—overhead.....                            | 1,114,802.22  | 9,741.34  | 37,166,809.80                            | 617,490.89                |
| Distribution system—underground.....                         |               |           | 9,880,526.08                             |                           |
| Line transformers.....                                       | 625,184.10    | 6,126.44  | 21,864,699.07                            | 196,883.18                |
| Meters.....  | 471,778.05    | 4,756.27  | 16,106,910.90                            | 163,102.69                |
| Street light equipment, regular.....                         | 131,965.06    | 857.38    | 4,839,426.96                             | 97,087.44                 |
| Street light equipment, ornamental.....                      |               |           |  |                           |
| Miscellaneous construction expense.....                      | 39,878.00     | 48.31     | 5,050,833.54                             | 74,661.00                 |
| Steam or hydraulic plant.....                                |               |           | 2,989,392.40                             |                           |
| Old plant.....   |               |           | 117,849.59                               |                           |
| Total plant.....   | 3,137,292.57  | 21,529.74 | 149,098,835.71                           | 1,732,065.64              |
| Bank and cash balance.....                                   | 6,155.32      | 1,338.41  | 2,708,234.88                             | 60,598.25                 |
| Securities and investments.....                              | 100,000.00    | 5,500.00  | 18,807,633.12                            | 205,300.00                |
| Accounts receivable.....                                     | 102,372.19    | 264.77    | 6,692,810.20                             | 85,378.26                 |
| Inventories.....   | 53,308.84     |           | 4,868,619.30                             | 77,989.31                 |
| Sinking fund on local debentures.....                        |               |           | 397,051.17                               | 180,904.73                |
| Equity in H-E.P.C. systems.....                              | 1,510,737.43  | 24,434.97 | 102,350,728.78                           | 1,803,439.72              |
| Other assets.....  |               |           | 910,544.27                               | 200.00                    |
| Frequency standardization expenditure in suspense.....       | 68,607.68     |           | 767,592.91                               |                           |
| Total assets.....  | 4,978,474.03  | 53,067.89 | 286,602,050.34                           | 4,145,875.91              |
| <b>LIABILITIES</b>   |               |           |  |                           |
| Debenture balance.....                                       |               |           | 13,190,165.02                            | 690,000.00                |
| Accounts payable.....  | 136,053.54    | 159.70    | 5,529,891.03                             | 106,805.38                |
| Bank overdraft.....  |               |           | 1,391,981.15                             |                           |
| Other liabilities.....                                       | 131,199.75    | 10.00     | 1,342,811.69                             | 49,636.89                 |
| Total liabilities.....                                       | 267,253.29    | 169.70    | 21,454,848.89                            | 846,442.27                |
| <b>RESERVES</b>  |               |           |  |                           |
| For equity in H-E.P.C. systems.....                          | 1,510,737.43  | 24,434.97 | 102,350,728.78                           | 1,803,439.72              |
| For depreciation.....  | 940,869.29    | 6,222.55  | 44,333,942.62                            | 325,812.91                |
| Other reserves.....  | 120,854.75    |           | 4,047,072.03                             | 36,882.35                 |
| Total reserves.....  | 2,572,461.47  | 30,657.52 | 150,731,743.43                           | 2,166,134.98              |
| <b>SURPLUS</b>   |               |           |  |                           |
| Debentures paid.....   | 489,374.65    | 5,591.61  | 55,057,622.95                            | 124,209.11                |
| Local sinking fund.....                                      |               |           | 397,051.17                               | 180,904.73                |
| Operating surplus.....                                       | *1,649,384.62 | 16,649.06 | *59,193,566.86                           | 828,184.82                |
| Net frequency standardization expense charged this year..... |               |           | 232,782.96                               |                           |
| Total surplus.....   | 2,138,759.27  | 22,240.67 | 114,415,458.02                           | 1,133,298.66              |
| Total liabilities, reserves and surplus.....                 | 4,978,474.03  | 53,067.89 | 286,602,050.34                           | 4,145,875.91              |
| Percentage of net debt to total assets.....                  | 7.9           | 0.6       | 11.5                                     | 30.8                      |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## “A”—Continued

## Utilities as at December 31, 1950

## BAY SYSTEM

| Nipigon<br>Twp. (V.A.) | Port Arthur  | Red Rock<br>Imp. Dist. | Schreiber<br>Twp. | Terrace Bay<br>Imp. Dist. | THUNDER<br>BAY<br>SYSTEM<br>SUMMARY |
|------------------------|--------------|------------------------|-------------------|---------------------------|-------------------------------------|
| .....                  | 31,842       | 1,411                  | 1,849             | 1,270                     |                                     |
| \$                     | \$           | \$                     | \$                | \$                        | \$                                  |
| 215.03                 | 537,289.91   | 900.00                 | 6,765.91          |                           | 726,789.89                          |
| .....                  | 470,440.47   | .....                  | .....             | .....                     | 871,661.87                          |
| 28,761.06              | 692,489.73   | 19,918.42              | 29,429.44         | 43,004.18                 | 1,431,093.72                        |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 12,435.21              | 194,884.36   | 9,452.94               | 9,075.41          | 13,846.54                 | 436,577.64                          |
| 9,202.46               | 192,534.62   | 4,823.39               | 8,110.61          | 8,874.76                  | 386,648.53                          |
| 5,626.79               | 103,427.14   | 3,601.86               | 1,253.64          | 13,124.93                 | 224,121.80                          |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 1,103.00               | 31,365.95    | 2,562.00               | 1,553.48          | 2,213.42                  | 113,458.85                          |
| .....                  | 333,375.49   | .....                  | .....             | .....                     | 333,375.49                          |
| .....                  | .....        | .....                  | 19,962.18         | .....                     | 19,962.18                           |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 57,343.55              | 2,555,807.67 | 41,258.61              | 76,150.67         | 81,063.83                 | 4,543,689.97                        |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 6,877.56               | .....        | 3,933.84               | 1,551.77          | 20,467.26                 | 93,428.68                           |
| 11,000.00              | 627,007.87   | .....                  | .....             | .....                     | 843,307.87                          |
| 551.70                 | 77,671.38    | 638.17                 | 235.62            | 36.00                     | 164,511.13                          |
| .....                  | 73,949.41    | .....                  | 1,170.54          | .....                     | 153,109.26                          |
| .....                  | .....        | .....                  | 14,535.32         | .....                     | 195,440.05                          |
| 24,861.83              | 4,284,000.23 | 3,573.66               | 1,803.02          | 6,592.95                  | 6,124,271.41                        |
| 14.75                  | 196.00       | .....                  | .....             | .....                     | 410.75                              |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 100,649.39             | 7,618,632.56 | 49,404.28              | 95,446.94         | 108,160.04                | 12,118,163.1                        |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| .....                  | .....        | 27,690.00              | 42,092.74         | 78,000.00                 | 837,782.74                          |
| 1,001.03               | 97,487.11    | 318.75                 | 367.20            | .....                     | 205,979.47                          |
| .....                  | 43,598.13    | .....                  | .....             | .....                     | 43,598.13                           |
| 546.23                 | .....        | .....                  | .....             | .....                     | 50,183.12                           |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 1,547.26               | 141,085.24   | 28,008.75              | 42,459.94         | 78,000.00                 | 1,137,543.46                        |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 24,861.83              | 4,284,000.23 | 3,573.66               | 1,803.02          | 6,592.95                  | 6,124,271.41                        |
| 6,170.66               | 995,068.30   | 2,256.44               | 1,531.90          | 4,677.00                  | 1,335,517.21                        |
| .....                  | 148,791.00   | .....                  | .....             | .....                     | 185,673.35                          |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 31,032.49              | 5,427,859.53 | 5,830.10               | 3,334.92          | 11,269.95                 | 7,645,461.97                        |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 10,000.00              | 626,317.40   | 3,510.00               | 7,907.26          | .....                     | 771,943.77                          |
| .....                  | .....        | .....                  | 14,535.32         | .....                     | 195,440.05                          |
| 58,069.64              | 1,423,370.39 | 12,055.43              | 27,209.50         | 18,890.09                 | 2,367,779.87                        |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 68,069.64              | 2,049,687.79 | 15,565.43              | 49,652.08         | 18,890.09                 | 3,335,163.69                        |
| 100,649.39             | 7,618,632.56 | 49,404.28              | 95,446.94         | 108,160.04                | 12,118,169.12                       |
| .....                  | .....        | .....                  | .....             | .....                     | .....                               |
| 0.2                    | 4.2          | 61.1                   | 53.7              | 76.8                      | 16.2                                |



# STATEMENT

## Balance Sheets of Municipal Electrical

### NORTHERN ONTARIO PROPERTIES

| Municipality.....  | Capreol          | Larder Lake<br>Twp. (V.A.) | Latchford        | McGarry<br>Imp. Dist. |
|--|------------------|----------------------------|------------------|-----------------------|
| Population.....  | 1,897            | 1,960                      | 532              | 2,187                 |
| <b>ASSETS</b>  | \$               | \$                         | \$               | \$                    |
| Lands and buildings.....                                     | 450.00           |                            |                  |                       |
| Substation equipment.....                                    | 9,730.32         |                            |                  |                       |
| Distribution system—overhead.....                            | 16,003.59        | 19,615.20                  | 1,522.29         | 19,430.09             |
| Distribution system—underground.....                         |                  |                            |                  |                       |
| Line transformers.....                                       | 10,076.02        | 11,481.00                  | 1,018.02         | 9,655.00              |
| Meters.....  | 10,194.13        | 9,819.86                   | 565.89           | 6,818.08              |
| Street light equipment, regular.....                         | 5,258.37         | 2,269.55                   |                  | 961.50                |
| Street light equipment, ornamental.....                      |                  |                            |                  |                       |
| Miscellaneous construction expense.....                      | 599.37           | 2,852.06                   | 15.00            | 633.13                |
| Steam or hydraulic plant.....                                |                  |                            |                  |                       |
| Old plant.....   |                  |                            | †25,068.78       |                       |
| <b>Total plant.....</b>                                      | <b>52,311.80</b> | <b>46,037.67</b>           | <b>28,189.98</b> | <b>37,497.80</b>      |
| Bank and cash balance.....                                   | 3,110.68         | 1,525.15                   | 1,204.38         |                       |
| Securities and investments.....                              | 1,000.00         |                            |                  |                       |
| Accounts receivable.....                                     | 1,338.44         | 902.71                     | 733.30           | 141.75                |
| Inventories.....   | 987.23           |                            |                  |                       |
| Sinking fund on local debentures.....                        |                  |                            |                  |                       |
| Equity in H-E.P.C. systems.....                              |                  |                            |                  |                       |
| Other assets.....  |                  |                            |                  |                       |
| Frequency standardization expenditure in suspense.....       |                  |                            |                  |                       |
| <b>Total assets.....</b>                                     | <b>58,748.15</b> | <b>48,465.53</b>           | <b>30,127.66</b> | <b>37,639.55</b>      |
| <b>LIABILITIES</b>   |                  |                            |                  |                       |
| Debenture balance.....                                       |                  | 17,100.00                  |                  | 13,500.00             |
| Accounts payable.....  | 4,504.98         | 445.56                     | 28,656.04        |                       |
| Bank overdraft.....  |                  |                            |                  | 2,057.98              |
| Other liabilities.....                                       | 540.00           | 5,628.29                   | 140.00           | 3,581.04              |
| <b>Total liabilities.....</b>                                | <b>5,044.98</b>  | <b>23,173.85</b>           | <b>28,796.04</b> | <b>19,139.02</b>      |
| <b>RESERVES</b>  |                  |                            |                  |                       |
| For equity in H-E.P.C. systems.....                          |                  |                            |                  |                       |
| For depreciation.....  | 9,907.40         | 11,500.00                  | 329.00           | 6,259.00              |
| Other reserves.....  | 82.34            | 28.90                      |                  |                       |
| <b>Total reserves.....</b>                                   | <b>9,989.74</b>  | <b>11,528.90</b>           | <b>329.00</b>    | <b>6,259.00</b>       |
| <b>SURPLUS</b>   |                  |                            |                  |                       |
| Debentures paid.....   | 19,000.00        | 900.00                     |                  | 500.00                |
| Local sinking fund.....                                      |                  |                            |                  |                       |
| Operating surplus.....                                       | 24,713.43        | 12,862.78                  | 1,002.62         | 11,741.53             |
| Net frequency standardization expense charged this year..... |                  |                            |                  |                       |
| <b>Total surplus.....</b>                                    | <b>43,713.43</b> | <b>13,762.78</b>           | <b>1,002.62</b>  | <b>12,241.53</b>      |
| <b>Total liabilities, reserves and surplus...</b>            | <b>58,748.15</b> | <b>48,465.53</b>           | <b>30,127.66</b> | <b>37,639.55</b>      |
| Percentage of net debt to total assets...                    | 8.6              | 47.8                       | 95.5             | 50.8                  |

†Plant not distributed.

## “A”—Concluded

## Utilities as at December 31, 1950

| North Bay<br>18,295 | Sioux Lookout<br>2,225 | Sudbury<br>47,054 | NORTHERN<br>ONTARIO<br>PROPERTIES<br>SUMMARY | ALL<br>SYSTEMS<br>GRAND<br>SUMMARY |
|---------------------|------------------------|-------------------|--|------------------------------------|
| \$                  | \$                     | \$                | \$   | \$                                 |
| 61,535.83           | 7,391.71               | 172,605.53        | 241,983.07                                   | 16,659,377.57                      |
| 108,671.56          | .....                  | 302,890.33        | 421,292.21                                   | 36,684,736.84                      |
| 215,147.53          | 27,827.77              | 537,993.27        | 837,539.74                                   | 39,435,443.26                      |
| .....               | .....                  | .....             | .....  | 9,880,526.08                       |
| 80,825.74           | 13,877.30              | 210,829.15        | 337,762.23                                   | 22,639,038.94                      |
| 118,096.03          | 11,557.73              | 206,767.09        | 363,818.81                                   | 16,857,378.24                      |
| 40,537.40           | 6,584.94               | 152,664.67        | 208,276.43                                   | 5,271,825.19                       |
| .....               | .....                  | .....             | .....  | .....                              |
| 20,503.11           | 704.00                 | 44,490.13         | 69,796.80                                    | 5,234,089.19                       |
| .....               | .....                  | .....             | .....  | 3,322,767.89                       |
| .....               | .....                  | .....             | 25,068.78                                    | 162,880.55                         |
| 645,317.20          | 67,943.45              | 1,628,240.17      | 2,505,538.07                                 | 156,148,063.75                     |
| .....               | 230.50                 | .....             | 6,070.71                                     | 2,807,734.27                       |
| .....               | 5,003.57               | 50,000.00         | 56,003.57                                    | 19,706,944.56                      |
| 15,184.75           | 3,751.97               | 42,702.18         | 64,755.10                                    | 6,922,076.43                       |
| 26,249.78           | .....                  | 65,243.80         | 92,480.81                                    | 5,114,209.37                       |
| .....               | .....                  | .....             | .....  | 592,491.22                         |
| 6,291.33            | 289.20                 | .....             | 6,580.53                                     | 108,475,000.19                     |
| .....               | .....                  | .....             | .....  | 917,535.55                         |
| .....               | .....                  | .....             | .....  | 767,592.91                         |
| 693,043.06          | 77,218.69              | 1,786,186.15      | 2,731,428.79                                 | 301,451,648.25                     |
| .....               | .....                  | 10,585.29         | 41,185.29                                    | 14,069,133.05                      |
| 24,114.02           | 2,642.19               | 110,381.14        | 170,743.93                                   | 5,906,614.43                       |
| 26,600.26           | .....                  | 6,179.27          | 34,837.51                                    | 1,470,416.79                       |
| 47,439.31           | 2,921.26               | 35,783.76         | 96,033.66                                    | 1,489,028.47                       |
| 98,153.59           | 5,563.45               | 162,929.46        | 342,800.39                                   | 22,935,192.74                      |
| .....               | .....                  | .....             | .....  | .....                              |
| 285,045.22          | 1,903.68               | 326,154.43        | 641,098.73                                   | 108,475,000.19                     |
| 3,035.17            | .....                  | 78,294.35         | 81,440.76                                    | 46,310,558.56                      |
| 288,080.39          | 1,903.68               | 404,448.78        | 722,539.49                                   | 4,314,186.14                       |
| 228,157.68          | .....                  | 456,753.24        | 705,310.92                                   | 159,099,744.89                     |
| 78,651.40           | 69,751.56              | 762,054.67        | 960,777.99                                   | 56,534,877.64                      |
| .....               | .....                  | .....             | .....  | 592,491.22                         |
| .....               | .....                  | .....             | .....  | *62,522,124.72                     |
| 306,809.08          | 69,751.56              | 1,218,807.91      | 1,666,088.91                                 | 232,782.96                         |
| 693,043.06          | 77,218.69              | 1,786,186.15      | 2,731,428.79                                 | 119,416,710.62                     |
| 14.2                | 7.2                    | 9.1               | 12.5   | 301,451,648.25                     |
| .....               | .....                  | .....             | .....  | 11.6                               |

\*Subject to charges which will result from the allocation of frequency standardization expenditure in suspense shown in contra.

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM

| Municipality.....                                      | Acton     | Agincourt | Ailsa Craig | Alexandria | Alliston  |
|--|-----------|-----------|-------------|------------|-----------|
| Population.....  | 3,030     | 824       | 481         | 2,163      | 1,829     |
| EARNINGS   | \$        | \$        | \$          | \$         | \$        |
| Domestic service.....                                  | 30,311.79 | 12,264.38 | 4,977.34    | 16,537.75  | 22,077.55 |
| Commercial light service.....                          | 12,560.26 | 3,480.45  | 2,164.65    | 13,122.58  | 12,868.94 |
| Commercial power service.....                          | 51,079.74 | 7,722.58  | 2,511.43    | 5,481.31   | 8,792.81  |
| Municipal power.....                                   | 928.75    |           |             | 917.05     | 945.42    |
| Street lighting.....                                   | 3,147.71  | 1,097.00  | 670.00      | 2,326.14   | 2,148.70  |
| Merchandise.....                                       | 150.38    |           |             |            |           |
| Miscellaneous.....                                     | 283.20    | 417.83    | 242.76      | 1,606.25   | 532.93    |
| Total earnings.....                                    | 98,461.83 | 24,982.24 | 10,566.18   | 39,991.08  | 47,366.35 |
| EXPENSES   |           |           |             |            |           |
| Power purchased.....                                   | 75,797.32 | 19,383.73 | 6,668.59    | 17,252.33  | 18,695.48 |
| Substation operation.....                              |           |           |             |            |           |
| Substation maintenance.....                            |           |           |             |            |           |
| Distribution system, operation and maintenance.....    | 4,997.06  | 337.70    | 443.36      | 3,547.32   | 2,435.95  |
| Line transformer maintenance.....                      | 216.40    | 105.95    | 35.12       | 390.35     | 101.59    |
| Meter maintenance.....                                 | 538.62    | 18.46     | 90.12       | 608.43     | 527.88    |
| Consumers' premises expenses.....                      | 104.29    | 176.02    | 0.75        |            | 2,603.27  |
| Street lighting, operation and maintenance.....        | 487.28    | 123.76    | 140.61      | 207.37     | 196.95    |
| Promotion of business.....                             |           |           |             |            |           |
| Billing and collecting.....                            | 1,651.87  | 1,144.16  | 483.29      | 1,484.19   | 1,667.37  |
| General office, salaries and expenses.....             | 1,875.90  | 169.20    | 93.63       | 1,284.24   | 1,513.75  |
| Undistributed expenses.....                            | 951.59    |           | 8.96        | 214.69     | 180.76    |
| Truck operation and maintenance.....                   | 245.35    |           |             | 297.66     | 800.04    |
| Interest.....  |           |           |             |            |           |
| Sinking fund and principal payments on debentures..... |           |           |             |            |           |
| Depreciation.....                                      | 2,465.00  | 1,115.00  | 730.00      | 1,402.00   | 2,171.00  |
| Other reserves.....                                    |           |           |             |            |           |
| Total operating costs and fixed charges.....           | 89,330.68 | 22,573.98 | 8,694.43    | 26,688.58  | 30,894.04 |
| Net surplus.....                                       | 9,131.15  | 2,408.26  | 1,871.75    | 13,302.50  | 16,472.31 |
| Net loss.....  |           |           |             |            |           |
| NUMBER OF CUSTOMERS                                    |           |           |             |            |           |
| Domestic service.....                                  | 786       | 246       | 168         | 566        | 551       |
| Commercial light service.....                          | 116       | 39        | 41          | 150        | 145       |
| Power service.....                                     | 23        | 8         | 4           | 16         | 25        |
| Total.....   | 925       | 293       | 213         | 732        | 721       |



“B”

## Utilities for Year Ended December 31, 1950

| Almonte   | Alvinston | Amherstburg | Ancaster<br>Twp. (V.A.) | Apple Hill | Arkona   | Arnprior  |
|-----------|-----------|-------------|-------------------------|------------|----------|-----------|
| 2,527     | 664       | 3,444       |                         | 464        | 361      | 4,326     |
| \$        | \$        | \$          | \$                      | \$         | \$       | \$        |
| 24,947.04 | 4,799.76  | 43,094.41   | 28,466.07               | 2,061.47   | 5,060.88 | 34,111.35 |
| 9,408.65  | 3,899.01  | 18,187.13   | 7,821.89                | 1,208.22   | 2,622.62 | 19,424.11 |
| 19,634.00 | 1,506.70  | 15,590.85   | 2,038.63                | 276.85     | 150.34   | 24,593.72 |
| 1,882.67  | 234.56    |             |                         |            |          | 2,326.43  |
| 2,894.67  | 1,670.00  | 3,480.61    | 1,539.50                | 478.50     | 1,349.92 | 4,171.51  |
| 2,567.07  |           |             |                         |            |          |           |
| 5,291.54  | 440.00    | 2,325.24    | 385.74                  | 142.73     | 126.72   | 2,966.11  |
| 66,625.64 | 12,550.03 | 82,678.24   | 40,251.83               | 4,167.77   | 9,310.48 | 87,593.23 |
| 21,766.55 | 7,859.58  | 58,775.17   | 23,870.89               | 1,439.99   | 5,989.09 | 57,138.01 |
| 10,383.84 |           |             |                         |            |          |           |
| 119.76    |           |             |                         |            |          |           |
| 3,849.98  | 737.59    | 5,895.98    | 2,081.01                | 174.91     | 764.17   | 3,167.45  |
| 7.79      | 53.86     | 419.90      | 351.85                  | 4.85       | 25.51    | 350.68    |
| 443.81    | 56.06     | 627.65      | 201.80                  | 96.16      | 35.05    | 506.00    |
| 71.78     |           | 1,986.35    |                         |            |          | 246.04    |
| 498.49    | 187.16    | 1,064.01    | 254.41                  | 33.50      | 247.21   | 754.15    |
| 3,248.42  | 549.08    | 1,241.43    | 814.23                  | 335.08     | 386.03   | 4,109.09  |
| 2,839.48  | 520.58    | 1,910.02    | 1,549.06                | 137.55     | 256.52   | 3,657.59  |
| 478.44    | 54.81     | 849.71      | 156.46                  |            | 9.78     | 520.45    |
| 910.05    |           | 366.59      | 796.52                  |            |          |           |
| 878.70    |           |             | 699.81                  |            | 5.01     | 192.94    |
| 3,994.50  |           |             |                         |            |          | 3,612.08  |
| 5,924.00  | 756.00    | 4,373.00    | 2,076.00                | 183.00     | 388.00   | 2,735.00  |
| 55,415.59 | 10,774.72 | 77,509.81   | 32,852.04               | 2,405.04   | 8,106.37 | 76,989.48 |
| 11,210.05 | 1,775.31  | 5,168.43    | 7,399.79                | 1,762.73   | 1,204.11 | 10,603.75 |
| 738       | 241       | 909         | 490                     | 81         | 135      | 1,097     |
| 116       | 58        | 187         | 48                      | 24         | 40       | 186       |
| 28        | 7         | 22          | 11                      | 1          | 1        | 30        |
| 882       | 306       | 1,118       | 549                     | 106        | 176      | 1,313     |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Arthur    | Athens    | Aurora    | Aylmer    | Ayr       |
|--|-----------|-----------|-----------|-----------|-----------|
| Population.....  | 1,158     | 781       | 3,697     | 3,481     | 855       |
| EARNINGS   | \$        | \$        | \$        | \$        | \$        |
| Domestic service.....                                  | 10,314.77 | 8,483.17  | 43,287.13 | 28,049.05 | 10,015.93 |
| Commercial light service.....                          | 8,789.31  | 4,253.07  | 15,319.05 | 19,288.89 | 4,426.02  |
| Commercial power service.....                          | 2,676.38  | 557.49    | 29,856.20 | 21,954.10 | 3,926.82  |
| Municipal power.....                                   | 318.01    |           | 2,016.21  | 1,768.56  |           |
| Street lighting.....                                   | 1,817.16  | 882.00    | 4,148.58  | 4,093.32  | 1,490.00  |
| Merchandise.....                                       |           |           |           |           |           |
| Miscellaneous.....                                     | 152.78    | 281.69    | 459.19    | 883.93    | 262.77    |
| Total earnings.....                                    | 24,068.41 | 14,457.42 | 95,086.36 | 76,037.85 | 20,121.54 |
| EXPENSES   |           |           |           |           |           |
| Power purchased.....                                   | 13,273.68 | 5,889.37  | 55,646.22 | 53,363.38 | 12,912.33 |
| Substation operation.....                              |           |           |           |           |           |
| Substation maintenance.....                            |           |           |           |           |           |
| Distribution system, operation and maintenance.....    | 1,981.84  | 189.60    | 5,380.40  | 4,486.72  | 1,212.51  |
| Line transformer maintenance.....                      |           | 1.50      | 444.96    | 106.98    | 63.66     |
| Meter maintenance.....                                 | 100.63    | 97.49     | 577.53    | 459.38    | 15.50     |
| Consumers' premises expenses.....                      |           |           | 5,841.77  | 638.88    | 12.32     |
| Street lighting, operation and maintenance.....        | 440.38    | 47.83     | 991.80    | 862.41    | 316.48    |
| Promotion of business.....                             |           |           |           | 25.36     |           |
| Billing and collecting.....                            | 959.74    | 567.40    | 2,717.70  | 2,476.30  | 1,031.28  |
| General office, salaries and expenses                  | 385.34    | 219.97    | 2,018.75  | 1,827.57  | 63.06     |
| Undistributed expenses.....                            | 81.28     |           | 755.30    | 776.03    | 268.67    |
| Truck operation and maintenance.....                   |           |           |           | 756.45    |           |
| Interest.....  | 84.43     |           |           | 7.19      | 0.50      |
| Sinking fund and principal payments on debentures..... | 175.79    |           |           |           |           |
| Depreciation.....                                      | 916.00    | 681.00    | 2,090.00  | 3,958.00  | 1,012.00  |
| Other reserves.....                                    |           |           |           |           |           |
| Total operating costs and fixed charges.....           | 18,399.11 | 7,694.16  | 76,464.43 | 69,744.65 | 16,908.31 |
| Net surplus.....                                       | 5,669.30  | 6,763.26  | 18,621.93 | 6,293.20  | 3,213.23  |
| Net loss.....  |           |           |           |           |           |
| NUMBER OF CUSTOMERS                                    |           |           |           |           |           |
| Domestic service.....                                  | 300       | 242       | 982       | 947       | 264       |
| Commercial light service.....                          | 91        | 55        | 146       | 210       | 52        |
| Power service.....                                     | 9         | 2         | 29        | 28        | 8         |
| Total.....   | 400       | 299       | 1,157     | 1,185     | 324       |

## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Baden<br>692 | *Bancroft<br>1,220 | Barrie<br>12,904 | †Barry's Bay<br>1,294 | Bath<br>373 | Beachville<br>656 | Beamsville<br>1,684 |
|--------------|--------------------|------------------|-----------------------|-------------|-------------------|---------------------|
| \$           | \$                 | \$               | \$                    | \$          | \$                | \$                  |
| 7,883.83     | 12,227.40          | 137,267.92       | 6,471.11              | 5,219.39    | 7,081.25          | 19,047.17           |
| 2,968.42     | 10,852.52          | 76,614.51        | 4,351.85              | 1,386.24    | 784.24            | 7,097.32            |
| 15,436.38    | 2,059.18           | 63,242.58        | 571.64                | 329.49      | 25,477.70         | 3,209.41            |
| .....        | .....              | 5,218.12         | .....                 | .....       | .....             | .....               |
| 838.81       | 1,408.95           | 8,415.27         | 572.67                | 447.96      | 529.00            | 2,110.82            |
| .....        | .....              | 781.34           | .....                 | .....       | .....             | .....               |
| 284.06       | .....              | 2,841.02         | .....                 | 0.80        | 664.50            | 754.52              |
| 27,411.50    | 26,548.05          | 294,380.76       | 11,967.27             | 7,383.88    | 34,536.69         | 32,219.24           |
| 22,923.01    | 2,283.30           | 153,971.28       | 3,797.96              | 3,969.53    | 29,524.13         | 23,579.64           |
| .....        | 1,517.84           | 3,859.83         | .....                 | .....       | .....             | .....               |
| .....        | .....              | 2,111.88         | .....                 | .....       | .....             | .....               |
| 449.88       | 1,886.93           | 17,177.72        | 105.47                | 483.81      | 1,193.50          | 1,059.94            |
| 78.85        | 84.58              | 1,286.89         | 61.66                 | 13.03       | 317.78            | 8.00                |
| 4.07         | 199.97             | 2,380.25         | 39.12                 | 27.26       | 10.37             | 208.58              |
| 38.10        | .....              | 4,728.98         | .....                 | .....       | 504.98            | 166.72              |
| 48.10        | 201.80             | 1,421.74         | 29.07                 | 45.03       | 289.68            | 521.03              |
| 458.75       | 1,936.97           | 8,169.11         | 518.04                | 282.24      | 509.76            | 2,004.35            |
| 193.50       | 811.19             | 6,625.02         | 197.45                | 180.10      | 285.99            | 1,542.96            |
| 20.02        | 185.79             | 3,722.16         | 22.71                 | .....       | 13.33             | 17.24               |
| 53.53        | .....              | 3,150.65         | .....                 | .....       | .....             | .....               |
| .....        | 1,973.59           | .....            | 255.71                | 93.13       | .....             | .....               |
| .....        | 10,125.00          | .....            | 809.74                | 534.47      | .....             | .....               |
| 670.00       | 2,540.00           | 16,005.37        | 531.00                | 281.00      | 684.00            | 1,653.00            |
| .....        | .....              | 21.80            | .....                 | .....       | .....             | .....               |
| 24,937.81    | 23,746.96          | 224,632.68       | 6,367.93              | 5,909.60    | 33,333.52         | 30,761.46           |
| 2,473.69     | 2,801.09           | 69,748.08        | 5,599.34              | 1,474.28    | 1,203.17          | 1,457.78            |
| .....        | .....              | .....            | .....                 | .....       | .....             | .....               |
| 189          | 311                | 3,333            | 233                   | 89          | 203               | 507                 |
| 35           | 103                | 542              | 54                    | 21          | 27                | 90                  |
| 3            | 4                  | 83               | 2                     | 1           | 3                 | 9                   |
| 227          | 418                | 3,958            | 289                   | 111         | 233               | 606                 |

\*8 months, operation.

†10 months, operation.



## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality .....                                      | Beaverton | Beeton    | Belle River | Belleville | Blenheim  |
|---|-----------|-----------|-------------|------------|-----------|
| Population .....  | 841       | 576       | 1,358       | 19,220     | 2,439     |
| <b>EARNINGS</b>   | <b>\$</b> | <b>\$</b> | <b>\$</b>   | <b>\$</b>  | <b>\$</b> |
| Domestic service .....                                  | 12,755.52 | 5,686.52  | 11,579.66   | 202,296.08 | 15,643.83 |
| Commercial light service .....                          | 5,586.97  | 4,230.59  | 6,650.50    | 108,873.19 | 16,164.48 |
| Commercial power service .....                          | 4,267.95  | 1,375.07  | 613.60      | 82,584.01  | 12,597.20 |
| Municipal power .....                                   | 597.42    |           | 2,053.50    | 6,511.15   | 1,918.87  |
| Street lighting .....                                   | 1,796.48  | 1,523.33  | 1,878.00    | 16,049.87  | 4,756.00  |
| Merchandise .....                                       |           | 2.51      |             | 5,742.22   |           |
| Miscellaneous .....                                     | 269.43    | 202.80    | 144.36      | 1,293.77   | 1,049.13  |
| Total earnings .....                                    | 25,273.77 | 13,020.82 | 22,919.62   | 423,350.29 | 52,129.51 |
| <b>EXPENSES</b>   |           |           |             |            |           |
| Power purchased .....                                   | 12,352.11 | 6,859.56  | 13,572.68   | 280,292.84 | 29,047.08 |
| Substation operation .....                              |           |           |             | 5,252.48   |           |
| Substation maintenance .....                            |           |           |             |            |           |
| Distribution system, operation and maintenance .....    | 1,301.39  | 1,406.97  | 1,845.15    | 6,538.60   | 3,863.10  |
| Line transformer maintenance .....                      | 24.66     | 9.80      | 217.12      | 603.16     | 91.05     |
| Meter maintenance .....                                 | 134.35    | 175.84    | 338.70      | 1,841.23   | 399.98    |
| Consumers' premises expenses .....                      | 365.83    |           | 47.00       | 2,843.08   | 220.02    |
| Street lighting, operation and maintenance .....        | 305.74    | 354.03    | 362.33      | 2,493.46   | 2,038.45  |
| Promotion of business .....                             |           |           |             | 518.98     |           |
| Billing and collecting .....                            | 1,718.12  | 603.16    | 1,393.66    | 12,010.49  | 2,296.78  |
| General office, salaries and expenses .....             | 1,163.12  | 367.06    | 1,006.28    | 10,825.78  | 3,501.42  |
| Undistributed expenses .....                            | 38.33     | 53.92     | 56.36       | 3,315.61   | 12.84     |
| Truck operation and maintenance .....                   |           |           |             | 2,165.18   |           |
| Interest .....  |           |           | 43.62       |            | 88.80     |
| Sinking fund and principal payments on debentures ..... |           |           |             |            |           |
| Depreciation .....                                      | 1,187.00  | 830.00    | 1,555.00    | 17,396.00  | 3,708.00  |
| Other reserves .....                                    |           |           |             |            |           |
| Total operating costs and fixed charges .....           | 18,590.65 | 10,660.34 | 20,437.90   | 346,096.89 | 45,267.52 |
| Net surplus .....                                       | 6,683.12  | 2,360.48  | 2,481.72    | 77,253.40  | 6,861.99  |
| Net loss .....  |           |           |             |            |           |
| <b>NUMBER OF CUSTOMERS</b>                              |           |           |             |            |           |
| Domestic service .....                                  | 413       | 176       | 470         | 5,209      | 720       |
| Commercial light service .....                          | 82        | 42        | 73          | 729        | 175       |
| Power service .....                                     | 13        | 6         | 6           | 138        | 21        |
| Total .....   | 508       | 224       | 549         | 6,076      | 916       |

## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Bloomfield | Blyth     | Bobcaygeon | Bolton    | Bothwell  | Bowmanville | Bradford  |
|------------|-----------|------------|-----------|-----------|-------------|-----------|
| 616        | 625       | 1,117      | 818       | 691       | 4,903       | 1,547     |
| \$         | \$        | \$         | \$        | \$        | \$          | \$        |
| 5,353.39   | 6,656.64  | 16,116.71  | 9,151.37  | 4,346.78  | 60,472.96   | 16,228.97 |
| 4,412.81   | 3,699.50  | 9,026.14   | 4,638.18  | 3,345.81  | 21,284.16   | 13,010.51 |
| 2,250.35   | 5,731.40  | 879.05     | 3,517.75  | 2,037.71  | 77,177.58   | 11,855.37 |
| .....      | .....     | .....      | 432.07    | 142.68    | 1,549.21    | 678.64    |
| 858.00     | 1,382.64  | 2,827.37   | 1,166.52  | 1,668.32  | 5,241.34    | 1,521.00  |
| .....      | .....     | .....      | .....     | .....     | 2,737.98    | 59.06     |
| 499.00     | 260.00    | 113.50     | 369.47    | 501.81    | 1,896.53    | 386.90    |
| 13,373.55  | 17,730.18 | 28,962.77  | 19,275.36 | 12,043.11 | 170,359.76  | 43,740.45 |
| .....      | .....     | .....      | .....     | .....     | .....       | .....     |
| 7,766.12   | 10,374.71 | 10,934.74  | 11,370.47 | 8,222.44  | 125,290.66  | 14,470.66 |
| .....      | .....     | 1,681.08   | .....     | .....     | 51.43       | .....     |
| .....      | .....     | .....      | .....     | .....     | .....       | .....     |
| 613.37     | 853.75    | 1,215.77   | 1,237.42  | 393.54    | 6,152.17    | 2,760.30  |
| .....      | .....     | 137.60     | 35.13     | 8.53      | 86.48       | 365.64    |
| 121.79     | 169.80    | 278.01     | 2.00      | 452.13    | 1,156.22    | 577.34    |
| .....      | 12.20     | .....      | 249.47    | .....     | 2,030.82    | 12.14     |
| .....      | .....     | .....      | .....     | .....     | .....       | .....     |
| 282.44     | 367.01    | 485.96     | 160.47    | 363.26    | 754.23      | 280.79    |
| .....      | .....     | .....      | .....     | .....     | 204.08      | .....     |
| 583.06     | 598.62    | 1,441.55   | 915.52    | 461.26    | 4,371.72    | 1,171.58  |
| 212.60     | 134.86    | 636.63     | 631.25    | 325.34    | 3,726.85    | 1,184.66  |
| 2.56       | 70.94     | 220.34     | .....     | 2.95      | 2,813.26    | 118.82    |
| .....      | .....     | 441.70     | .....     | .....     | 711.53      | 649.36    |
| .....      | 2.80      | 1,522.90   | .....     | 7.56      | .....       | .....     |
| .....      | .....     | 3,360.34   | .....     | .....     | .....       | .....     |
| .....      | .....     | .....      | .....     | .....     | .....       | .....     |
| 513.00     | 890.00    | 2,973.00   | 1,108.00  | 564.00    | 6,379.00    | 2,123.00  |
| .....      | .....     | .....      | 44.00     | .....     | .....       | .....     |
| .....      | .....     | .....      | .....     | .....     | .....       | .....     |
| 10,094.94  | 13,474.69 | 25,329.62  | 15,753.73 | 10,801.01 | 153,728.45  | 23,714.29 |
| 3,278.61   | 4,255.49  | 3,633.15   | 3,521.63  | 1,242.10  | 16,631.31   | 20,026.16 |
| .....      | .....     | .....      | .....     | .....     | .....       | .....     |
| .....      | .....     | .....      | .....     | .....     | .....       | .....     |
| 209        | 224       | 440        | 240       | 217       | 1,584       | 400       |
| 49         | 58        | 96         | 57        | 65        | 201         | 102       |
| 8          | 7         | 3          | 14        | 10        | 31          | 23        |
| 266        | 289       | 539        | 311       | 292       | 1,816       | 525       |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Braeside  | Brampton   | Brantford    | Brantford<br>Twp.(V.A.) | Brechin   |
|---|-----------|------------|--------------|-------------------------|-----------|
| Population.....   | 484       | 7,702      | 36,532       | .....                   | 266       |
| <b>EARNINGS</b>   | <b>\$</b> | <b>\$</b>  | <b>\$</b>    | <b>\$</b>               | <b>\$</b> |
| Domestic service.....                                     | 2,663.24  | 89,645.94  | 325,064.70   | 144,243.80              | 2,324.97  |
| Commercial light service.....                             | 596.64    | 34,477.64  | 153,689.75   | 20,607.67               | 1,812.64  |
| Commercial power service.....                             | 6,927.59  | 34,719.87  | 493,131.57   | 19,408.95               | 859.60    |
| Municipal power.....                                      | .....     | 4,416.36   | 11,107.59    | .....                   | .....     |
| Street lighting.....                                      | 420.00    | 7,787.34   | 42,631.75    | 11,384.17               | 378.00    |
| Merchandise.....  | .....     | .....      | .....        | .....                   | .....     |
| Miscellaneous.....  | 11.53     | 2,290.45   | 8,326.98     | 719.85                  | 118.85    |
| Total earnings.....                                       | 10,619.00 | 173,337.60 | 1,033,952.34 | 196,364.44              | 5,494.06  |
| <b>EXPENSES</b>   |           |            |              |                         |           |
| Power purchased.....                                      | 7,161.95  | 126,107.98 | 818,053.74   | 99,029.10               | 1,789.09  |
| Substation operation.....                                 | .....     | .....      | 14,289.12    | 733.59                  | .....     |
| Substation maintenance.....                               | .....     | 487.40     | 4,194.02     | .....                   | .....     |
| Distribution system, operation and<br>maintenance.....    | 201.25    | 3,453.44   | 16,206.31    | 7,714.32                | 260.30    |
| Line transformer maintenance.....                         | 16.92     | 239.89     | 5,384.72     | 1,014.39                | 31.74     |
| Meter maintenance.....                                    | 13.88     | 1,819.38   | 12,443.93    | 2,701.48                | 60.65     |
| Consumers' premises expenses.....                         | .....     | 486.70     | 26,114.98    | 14.70                   | 5.75      |
| Street lighting, operation and main-<br>tenance.....      | 70.42     | 1,383.16   | 7,866.23     | 3,564.60                | 75.09     |
| Promotion of business.....                                | .....     | .....      | 205.51       | .....                   | .....     |
| Billing and collecting.....                               | 308.91    | 3,895.67   | 19,052.09    | 5,283.73                | 334.61    |
| General office, salaries and expenses                     | 252.06    | 2,375.24   | 18,590.28    | 5,550.32                | 66.44     |
| Undistributed expenses.....                               | .....     | .....      | 755.10       | 1,394.77                | 1.44      |
| Truck operation and maintenance.....                      | .....     | .....      | .....        | 3,007.52                | .....     |
| Interest.....   | 197.35    | .....      | 56.60        | 5,858.70                | 6.20      |
| Sinking fund and principal payments<br>on debentures..... | 245.16    | .....      | .....        | 7,304.21                | 102.77    |
| Depreciation.....   | 186.00    | 5,738.00   | 29,459.00    | 10,237.00               | 146.00    |
| Other reserves.....                                       | .....     | 408.15     | .....        | .....                   | .....     |
| Total operating costs and<br>fixed charges.....           | 8,653.90  | 146,395.01 | 972,671.63   | 153,408.43              | 2,880.08  |
| Net surplus.....  | 1,965.10  | 26,942.59  | 61,280.71    | 42,956.01               | 2,613.98  |
| Net loss.....   | .....     | .....      | .....        | .....                   | .....     |
| <b>NUMBER OF CUSTOMERS</b>                                |           |            |              |                         |           |
| Domestic service.....                                     | 105       | 2,188      | 9,645        | 2,986                   | 61        |
| Commercial light service.....                             | 10        | 321        | 1,555        | 122                     | 23        |
| Power service.....  | 3         | 72         | 251          | 17                      | 1         |
| Total.....  | 118       | 2,581      | 11,451       | 3,125                   | 85        |



## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Bridgeport | Brigden   | Brighton  | Brockville | Brussels  | Burford   | Burgessville |
|------------|-----------|-----------|------------|-----------|-----------|--------------|
| .....      | 424       | 1,999     | 11,845     | 814       | 847       | 222          |
| \$         | \$        | \$        | \$         | \$        | \$        | \$           |
| 9,920.83   | 2,901.15  | 23,015.84 | 113,843.83 | 8,601.36  | 11,529.46 | 2,803.06     |
| 2,801.65   | 2,348.94  | 9,400.95  | 45,841.09  | 4,624.16  | 4,166.57  | 1,053.85     |
| 2,373.89   | 3,610.61  | 5,939.04  | 142,309.70 | 4,146.06  | 3,415.14  | 1,412.67     |
| .....      | 166.99    | .....     | 9,057.82   | 302.14    | .....     | .....        |
| 954.00     | 794.88    | 2,038.76  | 9,107.25   | 1,296.00  | 989.94    | 312.00       |
| .....      | .....     | 527.90    | .....      | .....     | 13.35     | .....        |
| 96.97      | 213.42    | 326.43    | 8,310.42   | 286.86    | 133.62    | 101.42       |
| 16,147.34  | 10,035.99 | 41,248.92 | 328,470.11 | 19,256.58 | 20,248.08 | 5,683.00     |
| 10,912.91  | 6,692.54  | 23,788.56 | 238,387.01 | 10,938.44 | 13,947.42 | 2,977.28     |
| .....      | .....     | .....     | 12,593.35  | .....     | .....     | .....        |
| .....      | .....     | .....     | 68.16      | .....     | .....     | .....        |
| 484.39     | 452.33    | 4,288.91  | 6,564.63   | 1,097.44  | 1,269.77  | 811.02       |
| 5.03       | .....     | 166.69    | 69.01      | 8.15      | 27.30     | 128.27       |
| 233.62     | 12.50     | 1,118.21  | 2,823.17   | 108.97    | 101.50    | 38.27        |
| 11.18      | .....     | .....     | .....      | .....     | .....     | .....        |
| 202.89     | 193.43    | 345.14    | 1,880.32   | 199.58    | 273.60    | 39.78        |
| 881.68     | 612.80    | 2,382.19  | 5,795.23   | 204.73    | 895.93    | 178.90       |
| 281.20     | 600.41    | 3,152.20  | 7,951.66   | 685.24    | 353.59    | 70.80        |
| 17.55      | 18.81     | 407.47    | 1,967.81   | 36.38     | 34.34     | 1.22         |
| .....      | .....     | 793.55    | 1,791.91   | .....     | .....     | .....        |
| .....      | 2.61      | .....     | .....      | 24.47     | 22.40     | .....        |
| 1,108.00   | 424.00    | 1,378.00  | 16,371.00  | 1,163.00  | 912.00    | 282.00       |
| 14,138.45  | 9,009.43  | 37,820.92 | 296,263.26 | 14,466.40 | 17,837.85 | 4,527.54     |
| 2,008.89   | 1,026.56  | 3,428.00  | 32,206.85  | 4,790.18  | 2,410.23  | 1,155.46     |
| 272        | 137       | 611       | 3,412      | 290       | 278       | 67           |
| 26         | 47        | 135       | 505        | 69        | 52        | 21           |
| 5          | 6         | 11        | 88         | 9         | 6         | 3            |
| 303        | 190       | 757       | 4,005      | 368       | 336       | 91           |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | *Burks<br>Falls<br>850 | Burlington<br>5,952 | Caledonia<br>1,645 | Campbell-<br>ville<br>225 | Canning-<br>ton<br>856 |
|---|------------------------|---------------------|--------------------|---------------------------|------------------------|
| Population.....   |                        |                     |                    |                           |                        |
| <b>EARNINGS</b>   | <b>\$</b>              | <b>\$</b>           | <b>\$</b>          | <b>\$</b>                 | <b>\$</b>              |
| Domestic service.....                                     | 5,674.02               | 79,209.34           | 12,493.52          | 2,605.92                  | 9,180.02               |
| Commercial light service.....                             | 6,288.08               | 30,898.73           | 9,338.08           | 666.07                    | 4,032.93               |
| Commercial power service.....                             | 131.84                 | 25,762.36           | 3,440.03           | 404.09                    | 3,443.43               |
| Municipal power.....                                      | 505.47                 | 1,307.44            | 398.44             |                           |                        |
| Street lighting.....                                      | 1,379.70               | 3,115.99            | 2,738.98           | 300.00                    | 1,410.66               |
| Merchandise.....  |                        |                     | 32.77              |                           | 16.73                  |
| Miscellaneous.....  |                        | 1,977.30            | 130.68             | 115.74                    | 221.95                 |
| Total earnings.....                                       | 13,979.11              | 142,271.16          | 28,572.50          | 4,091.82                  | 18,305.72              |
| <b>EXPENSES</b>   |                        |                     |                    |                           |                        |
| Power purchased.....                                      | 6,426.24               | 78,996.43           | 17,327.64          | 2,784.29                  | 8,957.47               |
| Substation operation.....                                 |                        |                     |                    |                           |                        |
| Substation maintenance.....                               |                        |                     |                    |                           |                        |
| Distribution system, operation and<br>maintenance.....    | 222.95                 | 6,415.22            | 1,702.29           | 109.68                    | 1,025.42               |
| Line transformer maintenance.....                         |                        | 1,867.44            | 151.20             |                           | 7.84                   |
| Meter maintenance.....                                    | 97.79                  | 1,733.98            | 525.76             | 23.86                     | 317.85                 |
| Consumers' premises expenses.....                         |                        | 2,237.78            | 7.15               |                           | 331.62                 |
| Street lighting, operation and main-<br>tenance.....      | 97.31                  | 1,162.28            | 589.52             | 42.92                     | 156.45                 |
| Promotion of business.....                                |                        |                     |                    |                           |                        |
| Billing and collecting.....                               | 533.79                 | 7,118.28            | 1,390.43           | 120.00                    | 1,040.46               |
| General office, salaries and expenses                     | 395.16                 | 4,885.50            | 1,654.64           | 93.40                     | 554.34                 |
| Undistributed expenses.....                               | 30.00                  | 544.52              | 128.49             |                           | 5.18                   |
| Truck operation and maintenance.....                      |                        | 2,110.52            | 525.18             |                           |                        |
| Interest.....   | 1,226.46               | 3,737.06            | 140.24             |                           |                        |
| Sinking fund and principal payments<br>on debentures..... | 1,813.88               | 6,617.43            | 500.00             |                           |                        |
| Depreciation.....   | 870.00                 | 6,406.00            | 1,545.00           | 141.00                    | 781.00                 |
| Other reserves.....                                       |                        |                     |                    |                           |                        |
| Total operating costs and<br>fixed charges.....           | 11,713.58              | 123,832.44          | 26,187.54          | 3,315.15                  | 13,177.63              |
| Net surplus.....  | 2,265.53               | 18,438.72           | 2,384.96           | 776.67                    | 5,128.09               |
| Net loss.....   |                        |                     |                    |                           |                        |
| <b>NUMBER OF CUSTOMERS</b>                                |                        |                     |                    |                           |                        |
| Domestic service.....                                     | 230                    | 1,778               | 519                | 66                        | 304                    |
| Commercial light service.....                             | 66                     | 210                 | 117                | 12                        | 74                     |
| Power service.....  | 2                      | 26                  | 10                 | 1                         | 12                     |
| Total.....  | 298                    | 2,014               | 646                | 79                        | 390                    |

\*10 months' operation.

## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Cardinal<br>1,739 | Carleton<br>Place<br>4,616 | Cayuga<br>742 | Chatham<br>21,223 | Chatsworth<br>374 | Chesley<br>1,707 | Chesterville<br>1,165 |
|-------------------|----------------------------|---------------|-------------------|-------------------|------------------|-----------------------|
| \$                | \$                         | \$            | \$                | \$                | \$               | \$                    |
| 15,889.28         | 36,536.13                  | 6,338.76      | 184,655.86        | 3,885.96          | 18,328.14        | 8,602.10              |
| 5,354.97          | 16,127.21                  | 6,113.95      | 188,862.75        | 3,423.66          | 7,880.86         | 6,167.24              |
| 652.17            | 34,206.55                  | 5,575.04      | 206,985.26        | 932.13            | 11,104.34        | 11,269.04             |
| .....             | 1,676.78                   | 417.08        | 11,344.99         | .....             | 753.12           | .....                 |
| 1,271.00          | 5,245.08                   | 1,682.16      | 34,736.25         | 682.00            | 2,548.00         | 1,305.00              |
| .....             | .....                      | 27.57         | 6,365.67          | .....             | .....            | .....                 |
| .....             | 1,945.17                   | 292.96        | 3,782.24          | 77.57             | 379.59           | 288.74                |
| 23,167.42         | 95,736.92                  | 20,447.52     | 636,733.02        | 9,001.32          | 40,994.05        | 27,632.12             |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 16,641.89         | 71,791.86                  | 8,669.83      | 332,697.69        | 4,888.50          | 25,433.07        | 18,084.41             |
| .....             | 213.19                     | .....         | 10,803.16         | .....             | .....            | .....                 |
| .....             | .....                      | .....         | 15,436.90         | .....             | .....            | .....                 |
| 968.68            | 5,401.10                   | 866.47        | 33,573.56         | 323.47            | 1,247.62         | 1,925.32              |
| 60.00             | 53.06                      | 190.01        | 5,911.08          | .....             | 38.80            | 75.37                 |
| 106.52            | 1,254.48                   | 116.94        | 8,377.22          | 128.33            | 276.89           | 272.31                |
| .....             | 335.50                     | .....         | 13,432.67         | .....             | 38.21            | 18.78                 |
| 91.50             | 955.58                     | 386.34        | 10,176.54         | 71.39             | 509.50           | 83.40                 |
| .....             | 38.50                      | .....         | 17,631.79         | .....             | .....            | .....                 |
| 704.20            | 3,164.54                   | 1,219.62      | 22,109.04         | 227.11            | 1,215.60         | 838.29                |
| 338.07            | 5,899.00                   | 828.77        | 33,099.73         | 263.32            | 878.49           | 503.99                |
| 60.63             | 684.89                     | 265.07        | 14,965.51         | 6.38              | 137.06           | 93.40                 |
| .....             | 844.49                     | 501.66        | 12,898.06         | .....             | 160.95           | 425.99                |
| 25.62             | .....                      | 3.68          | 8,896.81          | .....             | 3.90             | .....                 |
| 1,146.32          | .....                      | .....         | 31,779.93         | .....             | .....            | .....                 |
| 772.00            | 3,909.00                   | 1,323.00      | 35,123.00         | 483.00            | 2,306.00         | 633.00                |
| .....             | .....                      | .....         | 1,000.00          | .....             | .....            | .....                 |
| 20,915.43         | 94,545.19                  | 14,371.39     | 607,912.69        | 6,391.50          | 32,246.09        | 22,954.26             |
| 2,251.99          | 1,191.73                   | 6,076.13      | 28,820.33         | 2,609.82          | 8,747.96         | 4,677.86              |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| .....             | .....                      | .....         | .....             | .....             | .....            | .....                 |
| 448               | 1,270                      | 211           | 5,557             | 129               | 538              | 298                   |
| 64                | 216                        | 74            | 1,009             | 45                | 98               | 72                    |
| 4                 | 20                         | 12            | 161               | 1                 | 26               | 6                     |
| 516               | 1,506                      | 297           | 6,727             | 175               | 662              | 376                   |



## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Chippawa  | Clifford  | Clinton   | Cobden    | Cobourg    |
|--|-----------|-----------|-----------|-----------|------------|
| Population.....  | 1,584     | 451       | 2,405     | 771       | 7,517      |
| <b>EARNINGS</b>  | <b>\$</b> | <b>\$</b> | <b>\$</b> | <b>\$</b> | <b>\$</b>  |
| Domestic service.....                                  | 13,622.77 | 5,308.79  | 28,830.50 | 6,248.41  | 77,416.47  |
| Commercial light service.....                          | 3,702.23  | 4,223.39  | 13,246.62 | 4,781.81  | 34,405.27  |
| Commercial power service.....                          | 337.33    | 1,059.92  | 8,769.80  | 4,458.36  | 50,762.62  |
| Municipal power.....                                   | 716.31    | .....     | 3,530.08  | .....     | 1,921.93   |
| Street lighting.....                                   | 3,399.34  | 992.00    | 3,190.25  | 853.50    | 7,007.74   |
| Merchandise.....                                       | .....     | .....     | 398.97    | .....     | 308.95     |
| Miscellaneous.....                                     | 158.08    | 85.53     | 778.62    | 177.16    | 1,587.43   |
| Total earnings.....                                    | 21,936.06 | 11,669.63 | 58,744.84 | 16,519.24 | 173,410.41 |
| <b>EXPENSES</b>  |           |           |           |           |            |
| Power purchased.....                                   | 11,990.00 | 7,338.11  | 37,522.12 | 10,151.12 | 117,798.63 |
| Substation operation.....                              | .....     | .....     | .....     | .....     | .....      |
| Substation maintenance.....                            | .....     | .....     | 340.95    | .....     | .....      |
| Distribution system, operation and maintenance.....    | 952.66    | 274.55    | 1,984.40  | 582.82    | 7,379.43   |
| Line transformer maintenance.....                      | 298.27    | 89.65     | 187.92    | 51.00     | 1,577.05   |
| Meter maintenance.....                                 | 565.03    | 70.05     | 455.39    | 137.00    | 2,369.78   |
| Consumers' premises expenses.....                      | 51.46     | 126.13    | 489.16    | .....     | 354.57     |
| Street lighting, operation and maintenance.....        | 928.49    | 183.87    | 550.28    | 29.46     | 1,465.10   |
| Promotion of business.....                             | .....     | .....     | .....     | .....     | .....      |
| Billing and collecting.....                            | 1,169.28  | 417.50    | 2,109.25  | 808.49    | 7,754.03   |
| General office, salaries and expenses                  | 1,140.25  | 150.20    | 3,211.78  | 8.40      | 5,522.66   |
| Undistributed expenses.....                            | 274.01    | 19.99     | 196.40    | .....     | 2,387.31   |
| Truck operation and maintenance.....                   | 764.27    | .....     | 529.21    | .....     | 2,601.29   |
| Interest.....  | .....     | 129.28    | .....     | .....     | 523.77     |
| Sinking fund and principal payments on debentures..... | .....     | 421.16    | .....     | .....     | 6,738.14   |
| Depreciation.....                                      | 1,507.00  | 655.00    | 3,470.00  | 405.00    | 8,482.00   |
| Other reserves.....                                    | .....     | .....     | .....     | .....     | .....      |
| Total operating costs and fixed charges.....           | 19,640.72 | 9,875.49  | 51,046.86 | 12,173.29 | 164,953.76 |
| Net surplus.....                                       | 2,295.34  | 1,794.14  | 7,697.98  | 4,345.95  | 8,456.65   |
| Net loss.....  | .....     | .....     | .....     | .....     | .....      |
| <b>NUMBER OF CUSTOMERS</b>                             |           |           |           |           |            |
| Domestic service.....                                  | 466       | 150       | 737       | 232       | 1,968      |
| Commercial light service.....                          | 55        | 43        | 154       | 64        | 274        |
| Power service.....                                     | 3         | 2         | 23        | 6         | 61         |
| Total.....   | 524       | 195       | 914       | 302       | 2,303      |

## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Colborne<br>1,114 | Coldwater<br>640 | Collingwood<br>7,305 | Comber<br>550 | Cookstown<br>453 | Cottam<br>504 | Courtright<br>505 |
|-------------------|------------------|----------------------|---------------|------------------|---------------|-------------------|
| \$                | \$               | \$                   | \$            | \$               | \$            | \$                |
| 13,389.53         | 6,005.02         | 59,990.30            | 3,412.62      | 4,424.49         | 4,716.62      | 2,875.34          |
| 6,860.46          | 3,499.60         | 26,800.43            | 3,534.56      | 2,549.16         | 2,487.52      | 1,714.99          |
| 1,517.43          | 2,790.81         | 48,438.70            | 3,854.39      | 1,325.74         | 1,076.39      | .....             |
| 227.59            | .....            | 1,919.42             | .....         | .....            | .....         | 577.04            |
| 1,524.00          | 1,100.00         | 5,896.08             | 1,167.94      | 930.00           | 570.00        | 630.00            |
| 700.81            | 3.82             | 139.02               | .....         | .....            | .....         | .....             |
| 210.00            | 190.52           | 844.47               | 177.79        | 215.90           | 54.16         | 139.25            |
| 24,429.82         | 13,589.77        | 144,028.42           | 12,147.30     | 9,445.29         | 8,904.69      | 5,936.62          |
| .....             | .....            | .....                | .....         | .....            | .....         | .....             |
| 12,138.59         | 4,126.70         | 94,984.98            | 7,498.88      | 3,302.70         | 4,623.88      | 3,803.61          |
| .....             | .....            | 403.12               | .....         | .....            | .....         | .....             |
| 1,922.04          | 690.23           | 7,256.06             | 1,110.52      | 449.77           | 430.99        | 89.59             |
| 117.21            | .....            | 515.48               | 93.47         | .....            | 72.73         | 96.33             |
| 213.47            | 102.90           | 1,278.69             | 265.11        | 182.02           | 177.00        | 3.00              |
| 271.67            | 4.16             | 26.44                | .....         | .....            | .....         | .....             |
| 359.88            | 135.81           | 724.85               | 233.86        | 144.27           | 145.42        | 106.35            |
| .....             | .....            | .....                | .....         | .....            | .....         | 1.50              |
| 1,407.28          | 675.06           | 3,493.65             | 568.87        | 285.19           | 664.07        | 223.89            |
| 1,010.67          | 400.15           | 2,731.48             | 719.89        | 75.03            | 244.99        | 54.59             |
| 217.11            | 64.46            | 747.70               | 25.90         | 10.85            | 5.23          | 6.20              |
| 812.25            | .....            | 1,562.88             | .....         | .....            | .....         | .....             |
| 128.03            | .....            | .....                | 45.13         | .....            | .....         | 19.13             |
| 1,035.88          | .....            | .....                | .....         | .....            | .....         | .....             |
| 821.00            | 661.00           | 6,880.00             | 959.00        | 840.00           | 427.00        | 427.00            |
| .....             | .....            | .....                | .....         | .....            | .....         | .....             |
| 20,455.08         | 6,860.47         | 120,605.33           | 11,520.63     | 5,289.83         | 6,791.31      | 4,831.19          |
| 3,974.74          | 6,729.30         | 23,423.09            | 626.67        | 4,155.46         | 2,113.38      | 1,105.43          |
| .....             | .....            | .....                | .....         | .....            | .....         | .....             |
| .....             | .....            | .....                | .....         | .....            | .....         | .....             |
| 358               | 177              | 2,072                | 155           | 148              | 168           | 138               |
| 83                | 51               | 344                  | 56            | 40               | 32            | 27                |
| 5                 | 3                | 63                   | 8             | 3                | 5             | 1                 |
| 446               | 231              | 2,479                | 219           | 191              | 205           | 166               |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Creemore  | Dashwood | Delaware | Delhi     | Deseronto |
|--|-----------|----------|----------|-----------|-----------|
| Population.....  | 738       | 366      | 332      | 2,506     | 1,473     |
| <b>EARNINGS</b>  | \$        | \$       | \$       | \$        | \$        |
| Domestic service.....                                  | 6,723.64  | 5,330.58 | 4,007.50 | 25,230.73 | 15,832.91 |
| Commercial light service.....                          | 3,697.85  | 2,045.31 | 2,035.85 | 21,972.09 | 5,466.63  |
| Commercial power service.....                          | 1,243.45  | 1,275.48 |          | 7,920.72  | 5,696.77  |
| Municipal power.....                                   |           |          |          | 1,712.76  | 1,383.95  |
| Street lighting.....                                   | 768.00    | 679.33   | 312.59   | 3,950.03  | 2,316.48  |
| Merchandise.....                                       |           |          |          | 925.82    | 735.60    |
| Miscellaneous.....                                     | 36.25     | 155.85   | 91.53    | 1,059.11  | 149.63    |
| Total earnings.....                                    | 12,469.19 | 9,486.55 | 6,447.47 | 62,771.26 | 31,581.97 |
| <b>EXPENSES</b>  |           |          |          |           |           |
| Power purchased.....                                   | 5,212.15  | 7,419.07 | 4,441.39 | 29,458.34 | 15,341.35 |
| Substation operation.....                              |           |          |          |           | 90.00     |
| Substation maintenance.....                            |           |          |          |           |           |
| Distribution system, operation and maintenance.....    | 524.11    | 546.82   | 119.64   | 3,348.15  | 1,930.00  |
| Line transformer maintenance.....                      | 41.34     | 21.75    | 40.62    | 358.06    | 72.15     |
| Meter maintenance.....                                 | 94.37     | 73.00    | 41.31    | 1,833.04  | 531.05    |
| Consumers' premises expenses.....                      | 35.04     |          | 104.69   | 666.48    |           |
| Street lighting, operation and maintenance.....        | 204.21    | 103.50   | 62.06    | 559.32    | 507.13    |
| Promotion of business.....                             |           |          |          |           |           |
| Billing and collecting.....                            | 559.30    | 216.90   | 496.13   | 2,046.91  | 1,174.88  |
| General office, salaries and expenses.....             | 139.18    | 309.72   | 146.10   | 2,335.21  | 1,724.57  |
| Undistributed expenses.....                            | 13.16     | 1.75     | 1.27     | 824.96    | 242.50    |
| Truck operation and maintenance.....                   |           |          |          |           | 655.53    |
| Interest.....  |           |          | 8.88     | 1,868.67  |           |
| Sinking fund and principal payments on debentures..... |           |          |          | 4,289.18  |           |
| Depreciation.....                                      | 670.00    | 442.00   | 282.00   | 2,773.00  | 945.00    |
| Other reserves.....                                    |           |          |          |           |           |
| Total operating costs and fixed charges.....           | 7,492.86  | 9,134.51 | 5,744.09 | 50,361.32 | 23,214.16 |
| Net surplus.....                                       | 4,976.33  | 352.04   | 703.38   | 12,409.94 | 8,367.81  |
| Net loss.....  |           |          |          |           |           |
| <b>NUMBER OF CUSTOMERS</b>                             |           |          |          |           |           |
| Domestic service.....                                  | 218       | 125      | 90       | 803       | 491       |
| Commercial light service.....                          | 56        | 29       | 19       | 218       | 60        |
| Power service.....                                     | 3         | 3        |          | 25        | 16        |
| Total.....   | 277       | 157      | 109      | 1,046     | 567       |



## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Dorchester | Drayton   | Dresden   | Drumbo   | Dublin   | Dundalk   | Dundas     |
|------------|-----------|-----------|----------|----------|-----------|------------|
| 483        | 614       | 2,050     | 334      | 201      | 804       | 6,547      |
| \$         | \$        | \$        | \$       | \$       | \$        | \$         |
| 5,341.50   | 6,564.10  | 13,299.60 | 4,498.37 | 2,904.49 | 6,594.35  | 53,400.80  |
| 1,778.08   | 3,921.33  | 12,844.04 | 2,599.94 | 1,896.27 | 5,329.66  | 28,139.84  |
| 1,299.43   | 2,055.51  | 13,238.89 | 1,389.99 | 1,950.54 | 3,711.42  | 57,249.13  |
| .....      | .....     | 1,254.69  | .....    | .....    | .....     | 1,017.82   |
| 1,072.50   | 960.00    | 2,752.07  | 614.25   | 583.00   | 1,199.00  | 7,096.73   |
| .....      | .....     | .....     | 2.22     | .....    | .....     | .....      |
| 155.00     | 143.44    | 1,869.15  | 268.14   | 53.94    | 448.56    | 946.70     |
| 9,646.51   | 13,644.38 | 45,258.44 | 9,372.91 | 7,388.24 | 17,282.99 | 147,851.02 |
| .....      | .....     | .....     | .....    | .....    | .....     | .....      |
| 5,242.39   | 8,952.92  | 27,911.84 | 5,776.04 | 4,171.60 | 10,247.69 | 109,083.85 |
| .....      | .....     | .....     | .....    | .....    | .....     | 3,089.42   |
| 803.83     | 1,355.72  | 4,854.54  | 277.74   | 127.14   | 1,750.93  | 6,218.17   |
| 37.15      | 104.39    | 544.31    | .....    | 9.30     | .....     | 1,513.72   |
| 11.52      | 56.40     | 765.06    | 15.02    | 4.02     | 299.83    | 1,755.70   |
| 225.54     | 61.84     | 4.33      | .....    | .....    | .....     | 96.40      |
| 190.51     | 350.07    | 713.67    | 69.02    | 204.09   | 310.61    | 1,357.89   |
| .....      | .....     | 50.40     | .....    | .....    | .....     | .....      |
| 165.24     | 502.10    | 1,669.54  | 642.63   | 319.36   | 1,008.42  | 2,608.01   |
| 57.89      | 275.28    | 2,343.89  | 102.28   | 232.72   | 288.02    | 4,002.86   |
| 13.91      | 17.58     | 343.98    | 1.91     | 6.59     | 65.21     | 947.59     |
| .....      | .....     | 1,404.53  | .....    | .....    | .....     | 2,203.19   |
| .....      | 10.66     | 15.27     | 3.00     | .....    | .....     | 18.88      |
| .....      | .....     | .....     | .....    | .....    | .....     | .....      |
| 739.00     | 497.00    | 1,757.00  | 380.00   | 359.00   | 486.00    | 4,653.00   |
| .....      | .....     | .....     | .....    | .....    | .....     | .....      |
| 7,486.98   | 12,183.96 | 42,378.36 | 7,267.64 | 5,433.82 | 14,456.71 | 137,548.68 |
| 2,159.53   | 1,460.42  | 2,880.08  | 2,105.27 | 1,954.42 | 2,826.28  | 10,302.34  |
| .....      | .....     | .....     | .....    | .....    | .....     | .....      |
| .....      | .....     | .....     | .....    | .....    | .....     | .....      |
| 186        | 196       | 590       | 117      | 71       | 247       | 1,971      |
| 33         | 51        | 160       | 38       | 33       | 80        | 244        |
| 3          | 6         | 20        | 2        | 2        | 8         | 49         |
| 222        | 253       | 770       | 157      | 106      | 335       | 2,264      |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Dunnville | Durham    | Dutton    | East York<br>Twp. |
|---|-----------|-----------|-----------|-------------------|
| Population.....   | 4,440     | 2,294     | 863       | 60,155            |
| <b>EARNINGS</b>   | <b>\$</b> | <b>\$</b> | <b>\$</b> | <b>\$</b>         |
| Domestic service.....                                     | 23,880.49 | 16,114.67 | 4,937.49  | 616,002.88        |
| Commercial light service.....                             | 23,846.04 | 10,583.74 | 3,762.87  | 69,993.67         |
| Commercial power service.....                             | 31,224.71 | 6,209.91  | 4,464.67  | 105,116.53        |
| Municipal power.....                                      | 2,913.57  | 925.19    | .....     | 5,982.30          |
| Street lighting.....                                      | 5,065.06  | 1,739.00  | 1,106.84  | 39,200.14         |
| Merchandise.....  | .....     | .....     | .....     | .....             |
| Miscellaneous.....  | 889.21    | 217.64    | 273.11    | 667.26            |
| Total earnings.....                                       | 87,819.08 | 35,790.15 | 14,544.98 | 836,962.78        |
| <b>EXPENSES</b>   |           |           |           |                   |
| Power purchased.....                                      | 59,568.83 | 16,345.00 | 9,468.02  | 537,284.57        |
| Substation operation.....                                 | 1,664.63  | .....     | .....     | .....             |
| Substation maintenance.....                               | .....     | .....     | .....     | 5,745.00          |
| Distribution system, operation and<br>maintenance.....    | 5,469.84  | 3,336.36  | 395.55    | 14,894.28         |
| Line transformer maintenance.....                         | 173.72    | 192.56    | 27.63     | 5,270.67          |
| Meter maintenance.....                                    | 409.61    | 598.83    | 353.08    | 6,715.67          |
| Consumers' premises expenses.....                         | 313.85    | 610.00    | 35.38     | 17,965.59         |
| Street lighting, operation and main-<br>tenance.....      | 2,687.80  | 402.07    | 218.24    | 10,100.32         |
| Promotion of business.....                                | .....     | .....     | .....     | .....             |
| Billing and collecting.....                               | 2,321.68  | 1,259.73  | 1,072.59  | 32,347.66         |
| General office, salaries and expenses..                   | 2,750.39  | 1,344.59  | 211.62    | 25,813.56         |
| Undistributed expenses.....                               | 1,524.15  | 156.08    | 24.48     | .....             |
| Truck operation and maintenance.....                      | 1,327.48  | 632.67    | .....     | .....             |
| Interest.....   | .....     | 3.95      | 2.65      | 3,891.58          |
| Sinking fund and principal payments<br>on debentures..... | .....     | .....     | .....     | 11,000.00         |
| Depreciation.....   | 5,669.00  | 1,916.00  | 619.00    | 40,496.00         |
| Other reserves.....                                       | .....     | .....     | .....     | 1,978.00          |
| Total operating costs and<br>fixed charges.....           | 83,880.98 | 26,797.84 | 12,428.24 | 713,502.90        |
| Net surplus.....  | 3,938.10  | 8,992.31  | 2,116.74  | 123,459.88        |
| Net loss.....   | .....     | .....     | .....     | .....             |
| <b>NUMBER OF CUSTOMERS</b>                                |           |           |           |                   |
| Domestic service.....                                     | 1,252     | 551       | 249       | 16,152            |
| Commercial light service.....                             | 278       | 130       | 65        | 698               |
| Power service.....  | 32        | 18        | 10        | 91                |
| Total.....  | 1,562     | 699       | 324       | 16,941            |

## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Elmira<br>2,510 | Elmvale<br>785 | Elmwood<br>..... | Elora<br>1,321 | Embro<br>446 | Erieau<br>404 | Erie Beach<br>59 |
|-----------------|----------------|------------------|----------------|--------------|---------------|------------------|
| \$              | \$             | \$               | \$             | \$           | \$            | \$               |
| 28,480.07       | 7,001.86       | 2,322.29         | 14,642.00      | 6,514.40     | 8,104.05      | 2,267.35         |
| 17,659.75       | 4,489.46       | 1,532.90         | 6,474.39       | 1,965.68     | 3,450.45      | 312.14           |
| 36,855.21       | 3,397.28       | 3,862.58         | 9,311.67       | 2,931.49     | 4,890.47      | .....            |
| 4,012.36        | 309.88         | .....            | 282.71         | .....        | .....         | .....            |
| 2,396.58        | 1,198.97       | 593.00           | 1,925.75       | 648.00       | 825.00        | 210.00           |
| .....           | .....          | .....            | 154.68         | .....        | .....         | .....            |
| 1,608.40        | 120.13         | 178.97           | 310.59         | 67.75        | 53.60         | 32.45            |
| 91,012.37       | 16,517.58      | 8,489.74         | 33,101.79      | 12,127.32    | 17,323.57     | 2,821.94         |
| 51,962.26       | 8,017.88       | 4,350.87         | 23,440.44      | 7,263.92     | 8,844.42      | 1,330.01         |
| 632.26          | .....          | .....            | .....          | .....        | .....         | .....            |
| 5,237.06        | 817.42         | 262.89           | 2,917.29       | 632.53       | 730.28        | 349.19           |
| 388.47          | 52.20          | .....            | 43.60          | 12.49        | 76.37         | 16.53            |
| 396.45          | 207.74         | 107.52           | 177.15         | 21.24        | 241.90        | 94.16            |
| 54.97           | .....          | .....            | .....          | 309.89       | 72.01         | 17.62            |
| 303.04          | 166.92         | 14.30            | 511.94         | 238.99       | 285.50        | 62.72            |
| .....           | .....          | .....            | .....          | 9.46         | .....         | .....            |
| 1,950.26        | 608.94         | 243.60           | 1,288.27       | 690.82       | 665.61        | 249.55           |
| 1,903.56        | 293.56         | 385.75           | 524.95         | 237.87       | 646.10        | 212.14           |
| 862.82          | 9.43           | .....            | 472.23         | 16.23        | 4.69          | 0.61             |
| 329.16          | .....          | .....            | 1,002.86       | .....        | .....         | .....            |
| 58.32           | .....          | 1.82             | 5.96           | .....        | .....         | 29.77            |
| 1,146.32        | .....          | .....            | .....          | .....        | .....         | .....            |
| 5,548.00        | 997.00         | 286.00           | 1,141.00       | 508.00       | 978.00        | 179.00           |
| 70,772.95       | 11,171.09      | 5,652.75         | 31,525.69      | 9,941.44     | 12,544.88     | 2,541.30         |
| 20,239.42       | 5,346.49       | 2,836.99         | 1,576.10       | 2,185.88     | 4,778.69      | 280.64           |
| 692             | 230            | 97               | 407            | 152          | 264           | 118              |
| 143             | 66             | 22               | 73             | 39           | 26            | 5                |
| 28              | 10             | 3                | 8              | 4            | 4             | .....            |
| 863             | 306            | 122              | 488            | 195          | 294           | 123              |



## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | *Erin     | Essex     | Etobicoke<br>Twp. (V.A.) | Exeter    |
|---|-----------|-----------|--------------------------|-----------|
| Population.....   | 625       | 2,758     | .....                    | 2,624     |
| <b>EARNINGS</b>   | <b>\$</b> | <b>\$</b> | <b>\$</b>                | <b>\$</b> |
| Domestic service.....                                     | 5,064.35  | 20,881.18 | 591,422.96               | 34,392.18 |
| Commercial light service.....                             | 3,196.49  | 17,812.45 | 109,193.83               | 16,531.81 |
| Commercial power service.....                             | 544.87    | 11,750.71 | 145,675.96               | 8,832.24  |
| Municipal power.....                                      | .....     | 2,087.07  | 13,834.28                | 787.45    |
| Street lighting.....                                      | 506.31    | 3,142.76  | 35,513.64                | 3,557.16  |
| Merchandise.....  | .....     | .....     | .....                    | 692.21    |
| Miscellaneous.....  | .....     | 1,089.56  | 2,297.97                 | 1,186.72  |
| Total earnings.....                                       | 9,312.02  | 56,763.73 | 897,938.64               | 65,979.77 |
| <b>EXPENSES</b>   |           |           |                          |           |
| Power purchased.....                                      | 4,453.75  | 31,668.83 | 607,972.46               | 40,912.22 |
| Substation operation.....                                 | .....     | .....     | .....                    | .....     |
| Substation maintenance.....                               | .....     | .....     | 1,096.84                 | .....     |
| Distribution system, operation and<br>maintenance.....    | 122.59    | 2,697.52  | 28,309.52                | 10,365.89 |
| Line transformer maintenance.....                         | .....     | 671.75    | 7,126.34                 | 299.54    |
| Meter maintenance.....                                    | 60.10     | 487.94    | 6,200.84                 | 411.29    |
| Consumers' premises expenses.....                         | .....     | 496.35    | 27,390.08                | 978.64    |
| Street lighting, operation and main-<br>tenance.....      | 41.56     | 533.78    | 5,125.16                 | 825.00    |
| Promtion of business.....                                 | .....     | .....     | .....                    | .....     |
| Billing and collecting.....                               | 429.97    | 1,534.93  | 42,698.22                | 2,172.49  |
| General office, salaries and expenses..                   | 190.11    | 4,409.72  | 28,352.57                | 2,891.37  |
| Undistributed expenses.....                               | .....     | 977.19    | .....                    | 118.55    |
| Truck operation and maintenance.....                      | .....     | 927.88    | .....                    | 970.84    |
| Interest.....   | 19.26     | 379.50    | 20,842.30                | .....     |
| Sinking fund and principal payments<br>on debentures..... | .....     | 1,184.52  | 25,155.60                | .....     |
| Depreciation.....   | 417.00    | 3,651.00  | 39,642.00                | 3,332.00  |
| Other reserves.....                                       | .....     | .....     | 500.00                   | .....     |
| Total operating costs and<br>fixed charges.....           | 5,734.34  | 49,620.91 | 840,411.93               | 63,277.83 |
| Net surplus.....  | 3,577.68  | 7,142.82  | 57,526.71                | 2,701.94  |
| Net loss.....   | .....     | .....     | .....                    | .....     |
| <b>NUMBER OF CUSTOMERS</b>                                |           |           |                          |           |
| Domestic service.....                                     | 234       | 748       | 13,643                   | 784       |
| Commercial light service.....                             | 61        | 154       | 828                      | 160       |
| Power service.....  | 2         | 25        | 149                      | 22        |
| Total.....  | 297       | 927       | 14,620                   | 966       |

\*7 months' operation.

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Fergus    | Finch     | Flesherton | Fonthill  | Forest    | Forest Hill | Frankford |
|-----------|-----------|------------|-----------|-----------|-------------|-----------|
| 3,291     | 388       | 468        | 1,386     | 1,793     | 16,191      | 1,323     |
| \$        | \$        | \$         | \$        | \$        | \$          | \$        |
| 38,451.12 | 4,090.98  | 4,002.33   | 15,661.37 | 23,191.08 | 265,986.02  | 13,579.00 |
| 15,182.70 | 3,489.75  | 2,969.40   | 3,871.68  | 12,900.04 | 59,811.56   | 6,709.93  |
| 29,805.92 | 2,412.84  | 1,286.92   | 1,405.44  | 6,418.72  | 6,081.63    | 1,335.75  |
| 1,360.86  |           |            | 191.97    | 1,367.83  | 454.24      |           |
| 4,335.12  | 507.00    | 730.00     | 1,998.85  | 3,158.00  | 13,027.68   | 1,269.28  |
| 11.63     |           |            |           | 10.62     |             |           |
| 438.88    | 208.96    | 301.05     |           | 1,116.26  | 7,919.68    | 3.00      |
| 89,586.23 | 10,709.53 | 9,289.70   | 23,129.31 | 48,162.55 | 353,280.81  | 22,896.96 |
| 66,885.63 | 4,705.73  | 3,457.23   | 12,981.03 | 29,040.82 | 237,435.51  | 9,100.25  |
| 1,344.37  |           |            |           |           | 961.86      |           |
| 4,428.40  | 409.21    | 546.44     | 2,100.82  | 5,173.37  | 10,559.51   | 801.09    |
| 663.89    | 29.51     |            | 16.74     | 159.01    | 126.81      | 6.55      |
| 839.27    | 62.30     | 95.95      | 234.72    | 206.21    | 4,189.40    | 81.58     |
| 30.95     |           |            | 698.38    | 1,630.19  | 22,386.91   |           |
| 682.54    | 132.80    | 92.91      | 269.40    | 793.69    | 2,196.33    | 44.64     |
| 1,743.66  | 434.76    | 520.56     | 944.47    | 1,462.69  | 8,388.84    | 1,318.97  |
| 1,911.66  | 176.00    | 117.00     | 818.97    | 2,697.16  | 15,159.18   | 534.66    |
| 265.25    |           | 1.87       | 18.59     | 232.04    |             |           |
| 561.95    |           |            |           | 164.73    |             |           |
|           | 5.43      |            | 119.16    |           | 5,283.17    | 569.60    |
|           |           |            |           |           | 15,343.57   | 2,000.00  |
| 3,912.00  | 513.00    | 578.00     | 1,216.00  | 1,597.00  | 12,819.00   | 904.00    |
| 83,269.57 | 6,468.74  | 5,409.96   | 19,418.28 | 43,156.91 | 334,850.09  | 15,361.34 |
| 6,316.66  | 4,240.79  | 3,879.74   | 3,711.03  | 5,005.64  | 18,430.72   | 7,535.62  |
| 930       | 134       | 148        | 399       | 578       | 4,332       | 354       |
| 130       | 37        | 52         | 49        | 136       | 390         | 68        |
| 18        | 5         | 2          | 6         | 21        | 42          | 7         |
| 1,078     | 176       | 202        | 454       | 735       | 4,764       | 429       |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued—

| Municipality.....                                      | Galt       | Georgetown | Glencoe   | Goderich   |
|--|------------|------------|-----------|------------|
| Population.....  | 18,306     | 3,406      | 922       | 4,991      |
| <b>EARNINGS</b>  | <b>\$</b>  | <b>\$</b>  | <b>\$</b> | <b>\$</b>  |
| Domestic service.....                                  | 179,080.53 | 43,369.09  | 6,582.74  | 65,888.04  |
| Commercial light service.....                          | 90,395.61  | 15,909.16  | 9,074.34  | 32,760.23  |
| Commercial power service.....                          | 225,401.10 | 45,640.31  | 2,711.90  | 27,572.63  |
| Municipal power.....                                   | 7,762.08   | 2,801.74   | 1,201.94  | 3,819.35   |
| Street lighting.....                                   | 27,848.00  | 3,473.26   | 2,404.56  | 7,042.75   |
| Merchandise.....                                       | 16,405.44  |            |           | 1,454.19   |
| Miscellaneous.....                                     | 3,554.17   | 474.81     | 1,193.03  | 180.48     |
| Total earnings.....                                    | 550,446.93 | 111,668.37 | 23,168.51 | 138,717.67 |
| <b>EXPENSES</b>  |            |            |           |            |
| Power purchased.....                                   | 432,060.58 | 88,229.99  | 12,511.01 | 80,899.65  |
| Substation operation.....                              | 9,438.02   |            |           | 1,337.21   |
| Substation maintenance.....                            | 585.04     | 880.53     |           |            |
| Distribution system, operation and maintenance.....    | 14,597.33  | 7,183.68   | 1,437.86  | 9,049.36   |
| Line transformer maintenance.....                      | 873.69     | 957.86     | 51.84     | 104.81     |
| Meter maintenance.....                                 | 3,298.98   | 1,239.12   | 137.56    | 1,101.37   |
| Consumers' premises expenses.....                      | 1,700.00   | 2,125.53   | 41.19     | 831.09     |
| Street lighting, operation and maintenance.....        | 3,819.91   | 1,218.51   | 288.59    | 1,654.96   |
| Promotion of business.....                             | 114.99     |            |           |            |
| Billing and collecting.....                            | 6,416.36   | 3,956.78   | 1,156.87  | 4,822.49   |
| General office, salaries and expenses.....             | 17,909.70  | 2,878.16   | 951.23    | 4,257.70   |
| Undistributed expenses.....                            | 8,170.87   |            | 93.04     | 2,199.10   |
| Truck operation and maintenance.....                   | 2,268.28   |            | 512.92    | 1,930.23   |
| Interest.....  | 227.95     |            |           | 401.61     |
| Sinking fund and principal payments on debentures..... |            |            |           | 2,581.34   |
| Depreciation.....                                      | 27,040.00  | 4,879.00   | 1,106.00  | 6,192.00   |
| Other reserves.....                                    |            |            |           |            |
| Total operating costs and fixed charges.....           | 528,521.70 | 113,549.16 | 18,288.11 | 117,362.92 |
| Net surplus.....                                       | 21,925.23  |            | 4,880.40  | 21,354.75  |
| Net loss.....  |            | 1,880.79   |           |            |
| <b>NUMBER OF CUSTOMERS</b>                             |            |            |           |            |
| Domestic service.....                                  | 5,270      | 1,157      | 294       | 1,585      |
| Commercial light service.....                          | 603        | 166        | 93        | 287        |
| Power service.....                                     | 161        | 33         | 11        | 44         |
| Total.....   | 6,034      | 1,356      | 398       | 1,916      |



## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Grand Valley<br>591 | Granton<br>257 | Gravenhurst<br>3,365 | Grimsby<br>2,574 | Guelph<br>26,617 | Hagersville<br>1,696 | Hamilton<br>196,246 |
|---------------------|----------------|----------------------|------------------|------------------|----------------------|---------------------|
| \$                  | \$             | \$                   | \$               | \$               | \$                   | \$                  |
| 5,674.29            | 3,369.58       | 28,102.94            | 22,583.67        | 250,964.42       | 11,776.73            | 1,661,396.42        |
| 3,675.35            | 1,159.92       | 15,765.00            | 15,483.00        | 98,916.99        | 10,310.60            | 824,134.54          |
| 3,973.23            | 209.65         | 20,030.47            | 10,324.14        | 224,258.06       | 28,354.74            | 3,801,686.72        |
| .....               | .....          | 1,206.92             | 2,553.93         | 20,129.58        | 761.62               | 112,398.68          |
| 932.00              | 444.00         | 2,797.63             | 3,510.90         | 28,555.77        | 2,817.34             | 164,749.08          |
| .....               | .....          | 39.57                | .....            | .....            | .....                | 20,636.92           |
| 357.79              | 77.25          | 639.48               | 1,091.93         | 352.30           | 1,353.66             | 132,747.85          |
| 14,612.66           | 5,260.40       | 68,582.01            | 55,547.57        | 623,177.12       | 55,374.69            | 6,717,750.21        |
| .....               | .....          | .....                | .....            | .....            | .....                | .....               |
| 9,522.75            | 3,613.95       | 46,127.72            | 37,268.43        | 491,885.09       | 42,008.98            | *4,924,568.02       |
| .....               | .....          | .....                | .....            | 7,381.94         | .....                | 150,812.89          |
| .....               | .....          | .....                | .....            | .....            | 74.47                | 16,465.82           |
| 925.82              | 182.89         | 4,502.51             | 2,758.28         | 22,878.26        | 5,434.84             | 134,087.59          |
| .....               | 84.73          | 71.70                | .....            | 2,750.81         | 384.41               | 20,685.24           |
| 145.35              | 12.70          | 559.53               | 81.36            | 7,914.17         | 650.83               | 79,811.02           |
| .....               | 12.66          | 8.93                 | 238.07           | 1,996.97         | 8.27                 | 52,597.66           |
| 161.14              | 117.89         | 427.78               | 866.63           | 5,354.15         | 383.89               | 39,243.19           |
| .....               | .....          | .....                | .....            | .....            | .....                | 22,339.61           |
| 818.40              | 416.63         | 2,516.29             | 2,699.48         | 8,681.56         | 1,611.05             | 179,267.45          |
| 276.46              | 119.96         | 2,085.17             | 1,958.78         | 14,066.86        | 1,275.16             | 125,373.97          |
| 17.75               | 1.06           | 440.34               | 40.03            | 6,730.08         | 762.55               | 18,423.72           |
| .....               | .....          | 646.54               | .....            | .....            | 682.44               | .....               |
| 1.47                | 43.93          | .....                | .....            | 3,000.00         | .....                | 1,583.33            |
| .....               | .....          | .....                | .....            | 5,000.00         | .....                | 131,666.67          |
| 675.00              | 329.65         | 3,794.00             | 2,763.00         | 34,007.00        | 1,335.00             | 255,137.95          |
| .....               | .....          | .....                | .....            | .....            | .....                | .....               |
| 12,544.14           | 4,936.05       | 61,180.51            | 48,674.06        | 611,646.89       | 54,611.89            | 6,152,064.13        |
| 2,068.52            | 324.35         | 7,401.50             | 6,873.51         | 11,530.23        | 762.80               | 565,686.08          |
| .....               | .....          | .....                | .....            | .....            | .....                | .....               |
| .....               | .....          | .....                | .....            | .....            | .....                | .....               |
| 222                 | 89             | 950                  | 822              | 6,847            | 484                  | 52,159              |
| 63                  | 28             | 162                  | 158              | 851              | 140                  | 6,540               |
| 11                  | 1              | 22                   | 20               | 176              | 23                   | 1,271               |
| 296                 | 118            | 1,134                | 1,000            | 7,874            | 647                  | 59,970              |

\*Includes 1950 cost adjustment.

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Hanover    | Harriston | Harrow    | Hastings  | Havelock  |
|--|------------|-----------|-----------|-----------|-----------|
| Population.....  | 3,766      | 1,536     | 1,503     | 800       | 1,246     |
| <b>EARNINGS</b>  | <b>\$</b>  | <b>\$</b> | <b>\$</b> | <b>\$</b> | <b>\$</b> |
| Domestic service.....                                  | 42,525.36  | 14,470.07 | 23,689.04 | 8,218.46  | 10,379.08 |
| Commercial light service.....                          | 14,350.26  | 9,132.29  | 11,899.79 | 5,637.55  | 5,549.39  |
| Commercial power service.....                          | 38,489.52  | 12,457.65 | 7,929.15  | 481.44    | 1,984.11  |
| Municipal power.....                                   | 285.59     | 413.56    |           |           |           |
| Street lighting.....                                   | 2,957.00   | 1,584.50  | 1,722.69  | 1,695.66  | 1,609.80  |
| Merchandise.....                                       |            | 98.63     |           |           |           |
| Miscellaneous.....                                     | 2,575.06   | 642.04    | 426.31    | 211.86    | 321.51    |
| Total earnings.....                                    | 101,182.79 | 38,798.74 | 45,666.98 | 16,244.97 | 19,843.89 |
| <b>EXPENSES</b>  |            |           |           |           |           |
| Power purchased.....                                   | 62,730.14  | 27,407.65 | 30,127.18 | 5,472.48  | 8,149.05  |
| Substation operation.....                              |            |           |           |           |           |
| Substation maintenance.....                            |            |           |           |           |           |
| Distribution system, operation and maintenance.....    | 4,550.98   | 1,666.23  | 1,730.60  | 1,027.38  | 1,455.85  |
| Line transformer maintenance.....                      | 128.46     | 100.16    | 56.25     | 10.50     |           |
| Meter maintenance.....                                 | 678.75     | 197.42    | 541.50    | 201.32    | 204.67    |
| Consumers' premises expenses.....                      |            | 2,711.58  | 84.70     |           | 4.35      |
| Street lighting, operation and maintenance.....        | 458.18     | 424.50    | 377.46    | 529.14    | 503.44    |
| Promotion of business.....                             |            |           | 10.00     |           |           |
| Billing and collecting.....                            | 2,423.38   | 1,733.01  | 3,082.83  | 1,572.42  | 1,581.31  |
| General office, salaries and expenses.....             | 3,401.38   | 832.75    | 133.60    | 600.81    | 1,020.35  |
| Undistributed expenses.....                            | 1,359.28   | 155.37    | 7.91      | 3.35      | 9.73      |
| Truck operation and maintenance.....                   | 2,303.80   | 218.37    |           |           |           |
| Interest.....  |            |           |           | 178.45    |           |
| Sinking fund and principal payments on debentures..... |            |           |           | 1,578.82  |           |
| Depreciation.....                                      | 4,003.00   | 1,954.00  | 1,230.00  | 1,125.00  | 818.00    |
| Other reserves.....                                    |            |           |           |           |           |
| Total operating costs and fixed charges.....           | 82,037.35  | 37,401.04 | 37,382.03 | 12,299.67 | 13,746.75 |
| Net surplus.....                                       | 19,145.44  | 1,397.70  | 8,284.95  | 3,945.30  | 6,097.14  |
| Net loss.....  |            |           |           |           |           |
| <b>NUMBER OF CUSTOMERS</b>                             |            |           |           |           |           |
| Domestic service.....                                  | 1,072      | 436       | 433       | 314       | 332       |
| Commercial light service.....                          | 174        | 116       | 111       | 65        | 66        |
| Power service.....                                     | 35         | 15        | 8         | 4         | 2         |
| Total.....   | 1,281      | 567       | 552       | 383       | 400       |

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Hensall<br>666 | Hespeler<br>3,696 | Highgate<br>355 | Holstein<br>176 | Humber-<br>stone<br>3,722 | Huntsville<br>3,340 | Ingersoll<br>6,431 |
|----------------|-------------------|-----------------|-----------------|---------------------------|---------------------|--------------------|
| \$             | \$                | \$              | \$              | \$                        | \$                  | \$                 |
| 8,016.86       | 37,152.47         | 2,488.82        | 1,602.61        | 20,243.33                 | 29,659.42           | 59,059.24          |
| 4,120.40       | 13,855.36         | 1,278.23        | 530.88          | 10,024.24                 | 25,854.41           | 32,120.28          |
| 5,947.70       | 104,122.99        | 1,966.14        | 740.27          | 9,262.63                  | 19,721.84           | 69,609.85          |
| 373.92         | 2,585.61          |                 |                 |                           | 1,616.15            | 6,874.36           |
| 1,128.00       | 6,092.00          | 640.29          | 75.00           | 2,375.22                  | 3,556.00            | 5,961.94           |
|                |                   |                 |                 |                           | 99.63               |                    |
| 313.08         | 366.51            | 201.36          | 147.92          |                           | 416.65              | 1,080.00           |
| 19,899.96      | 164,174.94        | 6,574.84        | 3,096.68        | 41,905.42                 | 80,924.10           | 174,705.67         |
| 11,638.61      | 112,975.69        | 3,927.16        | 1,462.99        | 24,898.79                 | 54,022.95           | 127,699.22         |
|                | 872.51            |                 |                 |                           |                     | 362.00             |
| 745.39         | 5,989.16          | 325.82          | 75.55           | 2,843.56                  | 7,677.30            | 9,575.76           |
| 89.17          | 471.45            | 2.15            |                 | 215.89                    | 96.90               | 180.28             |
| 15.45          | 1,427.72          | 4.10            | 3.50            | 611.61                    | 1,470.23            | 378.05             |
|                | 91.64             |                 |                 | 6.00                      | 47.30               | 1,271.04           |
| 211.65         | 375.74            | 146.93          | 39.00           | 658.25                    | 1,062.35            | 991.50             |
| 341.91         | 2,034.20          | 306.09          | 182.18          | 2,382.37                  | 2,367.73            | 205.31             |
| 781.63         | 2,385.50          | 156.59          | 312.19          | 1,523.64                  | 2,838.63            | 5,039.89           |
| 97.88          | 1,244.29          | 7.79            |                 | 335.42                    | 979.38              | 5,873.92           |
|                | 1,208.53          |                 |                 | 825.08                    | 600.59              | 1,389.23           |
|                | 139.18            | 4.06            |                 | 4.21                      |                     | 3,113.66           |
|                | 1,910.54          |                 |                 |                           |                     | 319.51             |
| 806.00         | 5,128.00          | 413.00          | 128.00          | 2,595.00                  | 2,784.00            | 6,779.00           |
| 14,727.69      | 136,254.15        | 5,293.69        | 2,203.41        | 36,899.82                 | 73,947.36           | 163,178.37         |
| 5,172.27       | 27,920.79         | 1,281.15        | 893.27          | 5,005.60                  | 6,976.74            | 11,527.30          |
| 230            | 999               | 115             | 70              | 940                       | 844                 | 1,806              |
| 61             | 114               | 30              | 17              | 132                       | 175                 | 260                |
| 18             | 34                | 7               | 2               | 15                        | 25                  | 51                 |
| 309            | 1,147             | 152             | 89              | 1,087                     | 1,044               | 2,117              |



## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Iroquois  | Jarvis    | Kemptville | Kincardine |
|--|-----------|-----------|------------|------------|
| Population.....  | 1,036     | 644       | 1,542      | 2,790      |
| <b>EARNINGS</b>  | <b>\$</b> | <b>\$</b> | <b>\$</b>  | <b>\$</b>  |
| Domestic service.....                                  | 12,206.19 | 4,039.67  | 16,468.94  | 27,274.57  |
| Commercial light service.....                          | 4,549.64  | 3,541.14  | 8,959.96   | 14,841.97  |
| Commercial power service.....                          | 1,058.25  | 4,058.07  | 7,413.30   | 21,535.47  |
| Municipal power.....                                   | 1,058.67  |           | 1,496.88   | 1,488.11   |
| Street lighting.....                                   | 1,503.50  | 858.00    | 1,877.50   | 5,044.03   |
| Merchandise.....                                       |           |           | 19.55      |            |
| Miscellaneous.....                                     | 515.97    | 360.31    | 392.50     | 869.70     |
| Total earnings.....                                    | 20,892.22 | 12,857.19 | 36,628.63  | 71,053.85  |
| <b>EXPENSES</b>  |           |           |            |            |
| Power purchased.....                                   | 11,818.58 | 8,515.78  | 21,521.81  | 34,510.69  |
| Substation operation.....                              |           |           |            | 1,406.93   |
| Substation maintenance.....                            |           |           |            |            |
| Distribution system, operation and maintenance.....    | 982.02    | 308.05    | 3,526.87   | 2,473.39   |
| Line transformer maintenance.....                      | 332.06    |           | 128.83     | 22.45      |
| Meter maintenance.....                                 | 305.15    | 26.15     | 806.51     | 1,738.43   |
| Consumers' premises expenses.....                      | 7.88      |           | 28.10      | 1,251.72   |
| Street lighting, operation and maintenance.....        | 318.15    | 63.62     | 190.67     | 833.44     |
| Promotion of business.....                             |           |           |            |            |
| Billing and collecting.....                            | 1,307.83  | 734.49    | 1,649.99   | 1,734.36   |
| General office, salaries and expenses..                | 1,459.43  | 76.77     | 856.95     | 1,466.34   |
| Undistributed expenses.....                            | 71.35     | 3.53      | 343.51     | 657.56     |
| Truck operation and maintenance.....                   | 553.72    |           | 559.66     | 1,009.33   |
| Interest.....  |           | 1.37      |            |            |
| Sinking fund and principal payments on debentures..... |           |           |            |            |
| Depreciation.....                                      | 683.00    | 709.00    | 1,865.00   | 3,856.00   |
| Other reserves.....                                    |           |           |            |            |
| Total operating costs and fixed charges.....           | 17,839.17 | 10,438.76 | 31,477.90  | 50,960.64  |
| Net surplus.....                                       | 3,053.05  | 2,418.43  | 5,150.73   | 20,093.21  |
| Net loss.....  |           |           |            |            |
| <b>NUMBER OF CUSTOMERS</b>                             |           |           |            |            |
| Domestic service.....                                  | 348       | 173       | 460        | 863        |
| Commercial light service.....                          | 64        | 49        | 95         | 150        |
| Power service.....                                     | 6         | 5         | 13         | 23         |
| Total.....   | 418       | 227       | 568        | 1,036      |

## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Kingston   | Kingsville | Kirkfield | Kitchener    | Lakefield | Lambeth   | Lanark    |
|------------|------------|-----------|--------------|-----------|-----------|-----------|
| 32,924     | 2,560      | 165       | 43,084       | 1,740     | 867       | 748       |
| \$         | \$         | \$        | \$           | \$        | \$        | \$        |
| 386,439.94 | 25,009.42  | 1,635.22  | 477,051.51   | 14,992.51 | 9,473.34  | 5,822.91  |
| 215,554.34 | 16,318.10  | 1,811.97  | 251,040.60   | 10,881.16 | 1,897.89  | 4,652.66  |
| 217,659.95 | 6,519.93   |           | 699,056.66   | 11,847.23 | 857.93    | 1,383.99  |
| 17,307.41  | 1,038.97   |           | 52,040.20    |           | 563.30    |           |
| 27,783.54  | 3,175.22   | 432.00    | 50,926.71    | 2,005.27  | 793.55    | 747.50    |
| 13,778.58  | 1,894.86   | 90.00     | 3,486.07     | 830.22    | 177.65    | 9.49      |
| 878,523.76 | 53,956.50  | 3,969.19  | 1,533,601.75 | 40,556.39 | 13,763.66 | 12,616.55 |
| 610,608.63 | 32,881.54  | 2,014.02  | 1,066,466.35 | 24,860.39 | 8,505.16  | 7,020.26  |
| 12,424.95  |            |           | 19,416.30    |           |           |           |
| 5,724.29   |            |           | 11,438.88    |           |           |           |
| 27,753.41  | 4,296.37   | 494.97    | 40,017.06    | 1,794.48  | 727.47    | 342.75    |
| 748.34     | 397.43     |           | 6,821.02     |           | 88.50     | 4.00      |
| 9,843.05   | 830.46     | 14.76     | 15,744.60    | 567.39    | 14.18     | 100.24    |
|            | 18.67      |           | 4,743.25     |           | 12.96     |           |
| 4,635.28   | 1,059.47   | 112.35    | 16,054.64    | 241.74    | 422.26    | 188.37    |
| 588.01     | 20.00      |           | 199.87       |           |           |           |
| 21,304.22  | 2,978.84   | 161.51    | 24,042.86    | 2,051.57  | 999.01    | 588.07    |
| 44,640.60  | 2,619.23   | 71.65     | 36,473.32    | 1,670.39  | 87.50     | 129.17    |
| 40,490.18  | 1,017.05   | 0.75      | 1,088.41     | 129.60    | 2.77      |           |
| 8,905.90   | 548.48     |           |              | 834.14    |           |           |
|            | 651.73     |           | 4,342.86     | 156.57    | 97.96     |           |
|            | 1,818.64   |           | 25,600.00    | 2,408.79  |           |           |
| 32,895.58  | 2,105.00   | 239.00    | 73,892.00    | 1,257.00  | 904.00    | 632.00    |
| 820,562.44 | 51,242.91  | 3,109.01  | 1,346,341.42 | 35,972.06 | 11,861.77 | 9,004.86  |
| 57,961.32  | 2,713.59   | 860.18    | 187,260.33   | 4,584.33  | 1,901.89  | 3,611.69  |
| 9,805      | 818        | 50        | 11,075       | 481       | 261       | 233       |
| 1,265      | 196        | 26        | 1,349        | 89        | 34        | 51        |
| 207        | 24         |           | 363          | 11        | 7         | 2         |
| 11,277     | 1,038      | 76        | 12,787       | 581       | 302       | 286       |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Lancaster | La Salle  | Leaming-ton | Lindsay    | Listowel  |
|--|-----------|-----------|-------------|------------|-----------|
| Population.....  | 534       | 1,580     | 7,525       | 9,349      | 3,255     |
| EARNINGS   | \$        | \$        | \$          | \$         | \$        |
| Domestic service.....                                  | 3,284.50  | 25,498.09 | 52,522.65   | 94,806.09  | 37,692.18 |
| Commercial light service.....                          | 2,066.81  | 6,127.77  | 32,701.87   | 55,998.35  | 24,035.80 |
| Commercial power service.....                          |           | 778.79    | 41,931.95   | 55,778.00  | 23,159.92 |
| Municipal power.....                                   |           |           | 3,146.29    | 3,490.34   | 1,673.79  |
| Street lighting.....                                   | 513.00    | 1,154.75  | 9,294.41    | 8,244.48   | 5,621.83  |
| Merchandise.....                                       |           |           |             | 662.88     | 175.59    |
| Miscellaneous.....                                     | 66.84     | 424.53    | 554.39      | 850.90     | 530.90    |
| Total earnings.....                                    | 5,931.15  | 33,983.93 | 140,151.56  | 219,831.04 | 92,890.01 |
| EXPENSES   |           |           |             |            |           |
| Power purchased.....                                   | 3,721.64  | 21,300.46 | 99,719.61   | 158,888.14 | 62,443.16 |
| Substation operation.....                              |           |           | 1,005.12    |            | 690.07    |
| Substation maintenance.....                            |           |           |             |            |           |
| Distribution system, operation and maintenance.....    | 144.18    | 828.42    | 6,344.76    | 8,220.55   | 3,334.46  |
| Line transformer maintenance.....                      |           | 229.02    | 714.91      | 1,920.96   | 263.19    |
| Meter maintenance.....                                 | 35.42     | 495.77    | 400.34      | 2,338.41   | 572.56    |
| Consumers' premises expenses.....                      |           | 213.71    | 8.67        | 2,219.20   | 408.11    |
| Street lighting, operation and maintenance.....        | 15.39     | 222.29    | 2,956.44    | 949.99     | 982.75    |
| Promotion of business.....                             |           |           | 11.50       |            |           |
| Billing and collecting.....                            | 299.64    | 1,174.77  | 6,323.25    | 7,651.24   | 2,622.08  |
| General office, salaries and expenses.....             | 226.39    | 732.63    | 4,545.06    | 13,117.90  | 2,043.63  |
| Undistributed expenses.....                            |           | 63.00     | 1,231.06    | 4,307.27   | 647.68    |
| Truck operation and maintenance.....                   |           |           | 1,305.62    | 2,275.91   | 464.81    |
| Interest.....  |           | 427.70    | 2.63        | 18.37      | 9.35      |
| Sinking fund and principal payments on debentures..... |           |           |             |            |           |
| Depreciation.....                                      | 295.00    | 1,939.00  | 7,860.00    | 9,415.00   | 3,460.00  |
| Other reserves.....                                    |           |           | 100.00      |            |           |
| Total operating costs and fixed charges.....           | 4,737.66  | 27,626.77 | 132,528.97  | 211,322.94 | 77,941.85 |
| Net surplus.....                                       | 1,193.49  | 6,357.16  | 7,622.59    | 8,508.10   | 14,948.16 |
| Net loss.....  |           |           |             |            |           |
| NUMBER OF CUSTOMERS                                    |           |           |             |            |           |
| Domestic service.....                                  | 137       | 471       | 2,088       | 2,678      | 986       |
| Commercial light service.....                          | 32        | 29        | 382         | 422        | 187       |
| Power service.....                                     |           | 3         | 52          | 77         | 34        |
| Total.....   | 169       | 503       | 2,522       | 3,177      | 1,207     |



## "B"—Continued

## Utilities for Year Ended December 31, 1950

| London<br>94,027 | London<br>Twp. (V.A.)<br>..... | Long<br>Branch<br>8,044 | Lucan<br>915 | Lucknow<br>891 | Lynden<br>434 | Madoc<br>1,624 |
|------------------|--------------------------------|-------------------------|--------------|----------------|---------------|----------------|
| \$               | \$                             | \$                      | \$           | \$             | \$            | \$             |
| 872,793.44       | 30,975.25                      | 73,368.02               | 11,163.15    | 8,758.09       | 4,803.44      | 11,507.24      |
| 371,330.81       | 3,773.49                       | 18,071.50               | 4,069.51     | 5,124.35       | 981.67        | 8,270.95       |
| 628,699.53       | 1,557.10                       | 28,565.29               | 1,194.49     | 8,208.38       | 1,681.18      | 8,887.02       |
| 104,228.65       | .....                          | 2,569.44                | .....        | 458.92         | .....         | .....          |
| 52,266.73        | 1,397.17                       | 7,747.85                | 1,630.52     | 2,165.54       | 480.00        | 2,318.32       |
| 16,701.03        | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 43,146.67        | 190.71                         | 1,222.59                | 247.56       | 730.72         | 114.66        | 101.30         |
| 2,089,166.86     | 37,893.72                      | 131,544.69              | 18,305.23    | 25,446.00      | 8,060.95      | 31,084.83      |
| 1,467,705.45     | 26,475.62                      | 89,576.39               | 11,285.45    | 12,328.91      | 5,410.23      | 13,698.11      |
| 66,049.45        | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 54,440.60        | 1,434.39                       | 4,606.48                | 863.06       | 2,285.76       | 476.18        | 1,964.70       |
| 12,321.71        | 503.74                         | 599.79                  | 34.85        | .....          | 10.89         | 14.75          |
| 19,415.43        | 87.50                          | 1,198.85                | 76.54        | 141.51         | 18.22         | 487.05         |
| 134,139.20       | 501.23                         | 550.10                  | 785.20       | .....          | .....         | .....          |
| 16,904.56        | 771.52                         | 1,486.14                | 340.60       | 306.99         | 164.47        | 485.50         |
| 1,843.06         | .....                          | .....                   | .....        | .....          | .....         | .....          |
| 45,971.30        | 2,716.98                       | 10,544.20               | 898.70       | 1,353.01       | 274.45        | 1,387.77       |
| 88,288.25        | 263.65                         | 7,042.09                | 443.64       | 922.13         | 262.61        | 613.08         |
| 1,577.70         | 6.82                           | .....                   | 21.99        | 103.86         | 35.25         | 35.00          |
| 3,771.52         | .....                          | .....                   | .....        | 380.29         | .....         | .....          |
| .....            | .....                          | .....                   | 27.43        | 8.38           | 1.00          | .....          |
| 111,536.00       | 1,982.00                       | 5,233.00                | 685.00       | 1,185.00       | 521.00        | 994.00         |
| 15,149.49        | .....                          | 250.00                  | .....        | .....          | .....         | .....          |
| 2,039,113.72     | 34,743.45                      | 121,087.04              | 15,462.46    | 19,015.84      | 7,174.30      | 19,679.96      |
| 50,053.14        | 3,150.27                       | 10,457.65               | 2,842.77     | 6,430.16       | 886.65        | 11,404.87      |
| 24,627           | 724                            | 2,224                   | 243          | 334            | 124           | 389            |
| 2,370            | 19                             | 224                     | 60           | 102            | 16            | 108            |
| 420              | 4                              | 24                      | 3            | 11             | 3             | 8              |
| 27,417           | 747                            | 2,472                   | 306          | 447            | 143           | 505            |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Markdale  | Markham   | Marmora   | Martin-<br>town<br>125 | Maxville  |
|---|-----------|-----------|-----------|------------------------|-----------|
| Population.....   | 966       | 1,562     | 1,081     | 125                    | 754       |
| <b>EARNINGS</b>   | <b>\$</b> | <b>\$</b> | <b>\$</b> | <b>\$</b>              | <b>\$</b> |
| Domestic service.....                                     | 6,671.06  | 17,085.77 | 7,658.88  | 1,929.13               | 6,353.54  |
| Commercial light service.....                             | 5,444.64  | 6,578.83  | 5,085.47  | 1,630.93               | 4,063.29  |
| Commercial power service.....                             | 3,378.86  | 4,270.24  | 795.64    | 53.71                  | .....     |
| Municipal power.....                                      | 369.14    | 387.30    | .....     | .....                  | .....     |
| Street lighting.....                                      | 1,296.25  | 1,673.00  | 1,517.00  | 253.00                 | 1,094.00  |
| Merchandise.....  | .....     | .....     | 8.91      | .....                  | .....     |
| Miscellaneous.....  | 100.72    | 472.13    | 267.21    | 91.88                  | 322.74    |
| Total earnings.....                                       | 17,260.67 | 30,467.27 | 15,333.11 | 3,958.65               | 11,833.57 |
| <b>EXPENSES</b>   |           |           |           |                        |           |
| Power purchased.....                                      | 8,069.29  | 18,618.82 | 7,462.48  | 1,401.13               | 5,725.93  |
| Substation operation.....                                 | .....     | .....     | .....     | .....                  | .....     |
| Substation maintenance.....                               | .....     | .....     | .....     | .....                  | .....     |
| Distribution system, operation and<br>maintenance.....    | 926.94    | 1,427.49  | 2,192.50  | 307.57                 | 1,050.81  |
| Line transformer maintenance.....                         | 51.69     | 39.90     | 11.20     | .....                  | 62.30     |
| Meter maintenance.....                                    | 208.93    | 121.75    | 456.51    | 54.82                  | 222.35    |
| Consumers' premises expenses.....                         | 94.66     | .....     | .....     | .....                  | .....     |
| Street lighting, operation and main-<br>tenance.....      | 736.31    | 226.77    | 438.34    | 71.08                  | 479.55    |
| Promotion of business.....                                | .....     | .....     | .....     | .....                  | .....     |
| Billing and collecting.....                               | 899.65    | 1,338.19  | 1,174.74  | 419.55                 | 488.25    |
| General office, salaries and expenses                     | 221.03    | 445.67    | 675.72    | 79.54                  | 242.17    |
| Undistributed expenses.....                               | 3.28      | .....     | 86.82     | .....                  | 43.96     |
| Truck operation and maintenance.....                      | .....     | .....     | .....     | .....                  | .....     |
| Interest.....   | 6.25      | .....     | .....     | .....                  | .....     |
| Sinking fund and principal payments<br>on debentures..... | .....     | .....     | .....     | .....                  | .....     |
| Depreciation.....   | 943.00    | 1,668.00  | 883.00    | 132.00                 | 810.00    |
| Other reserves.....                                       | .....     | .....     | .....     | .....                  | .....     |
| Total operating costs and<br>fixed charges.....           | 12,161.03 | 23,886.59 | 13,381.31 | 2,465.69               | 9,125.32  |
| Net surplus.....  | 5,099.64  | 6,580.68  | 1,951.80  | 1,492.96               | 2,708.25  |
| Net loss.....   | .....     | .....     | .....     | .....                  | .....     |
| <b>NUMBER OF CUSTOMERS</b>                                |           |           |           |                        |           |
| Domestic service.....                                     | 257       | 449       | 299       | 74                     | 205       |
| Commercial light service.....                             | 84        | 102       | 54        | 26                     | 51        |
| Power service.....  | 9         | 14        | 2         | 1                      | .....     |
| Total.....  | 350       | 565       | 355       | 101                    | 256       |

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Meaford<br>3,114 | Merlin<br>573 | *Merrick-<br>ville<br>985 | Merritton<br>4,572 | Midland<br>7,260 | Mildmay<br>838 | Millbrook<br>772 |
|------------------|---------------|---------------------------|--------------------|------------------|----------------|------------------|
| \$               | \$            | \$                        | \$                 | \$               | \$             | \$               |
| 28,311.10        | 3,614.14      | 4,692.62                  | 43,480.49          | 62,989.76        | 7,153.06       | 8,101.72         |
| 17,322.53        | 3,605.54      | 2,108.49                  | 10,056.01          | 28,308.89        | 4,355.36       | 4,109.32         |
| 17,663.28        | 1,943.93      | 2,373.46                  | 302,014.07         | 82,411.66        | 1,334.05       | 788.19           |
| 1,096.14         | .....         | 207.42                    | 2,437.56           | 3,069.78         | 192.08         | .....            |
| 3,732.30         | 907.67        | 740.00                    | 5,583.00           | 6,758.00         | 727.00         | 1,066.58         |
| 185.95           | .....         | .....                     | .....              | 1,466.62         | .....          | .....            |
| 1,203.44         | 1,246.86      | .....                     | 2,010.70           | 6,559.10         | 185.62         | 122.37           |
| 69,514.74        | 11,318.14     | 10,121.99                 | 365,581.83         | 191,563.81       | 13,947.17      | 14,188.18        |
| 35,588.68        | 5,445.09      | 5,398.50                  | 317,637.78         | 109,212.40       | 6,526.58       | 8,014.31         |
| .....            | .....         | .....                     | 967.33             | 4,454.21         | .....          | .....            |
| .....            | .....         | .....                     | .....              | 846.10           | .....          | .....            |
| 4,137.20         | 366.75        | 396.90                    | 7,621.65           | 6,947.02         | 816.73         | 1,403.64         |
| 345.49           | 25.98         | .....                     | 628.64             | 817.03           | .....          | 184.04           |
| 734.33           | 207.25        | 71.60                     | 879.03             | 2,059.21         | 159.11         | 151.92           |
| 340.43           | 216.47        | .....                     | .....              | 23.75            | 16.52          | .....            |
| 644.31           | 87.98         | 323.22                    | 1,121.78           | 1,553.33         | 234.13         | 336.99           |
| 1,919.40         | 510.55        | 575.43                    | 5,129.45           | 3,843.61         | 484.21         | 1,648.76         |
| 1,683.32         | 380.43        | 186.86                    | 6,937.72           | 6,186.67         | 450.67         | 1,782.74         |
| 541.15           | 2.12          | 141.18                    | 2,068.75           | 3,190.74         | .....          | 3.07             |
| 822.75           | .....         | .....                     | 806.19             | 2,242.49         | .....          | .....            |
| .....            | 4.37          | 401.54                    | .....              | .....            | 148.79         | .....            |
| .....            | .....         | 450.00                    | .....              | .....            | 935.72         | .....            |
| 2,883.00         | 1,061.00      | 236.00                    | 7,366.00           | 11,252.00        | 609.00         | 471.00           |
| 49,640.06        | 8,307.99      | 8,181.23                  | 351,164.32         | 152,628.56       | 10,381.46      | 13,996.47        |
| 19,874.68        | 3,010.15      | 1,940.76                  | 14,417.51          | 38,935.25        | 3,565.71       | 191.71           |
| 985              | 150           | 246                       | 1,229              | 2,033            | 227            | 227              |
| 189              | 58            | 56                        | 93                 | 247              | 64             | 57               |
| 26               | 4             | 11                        | 21                 | 58               | 6              | 3                |
| 1,200            | 212           | 313                       | 1,343              | 2,338            | 297            | 287              |

\*6 months' operation.



## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Milton    | Milverton | Mimico     | Mitchell  | Moorefield |
|--|-----------|-----------|------------|-----------|------------|
| Population.....  | 2,405     | 1,039     | 10,410     | 1,920     | 264        |
| EARNINGS   | \$        | \$        | \$         | \$        | \$         |
| Domestic service.....                                  | 24,951.24 | 11,121.69 | 115,634.46 | 27,566.40 | 2,407.75   |
| Commercial light service.....                          | 11,766.97 | 7,339.64  | 27,928.76  | 13,619.49 | 1,631.87   |
| Commercial power service.....                          | 39,062.25 | 6,814.77  | 22,178.97  | 14,416.72 | 1,320.78   |
| Municipal power.....                                   | 312.88    | 490.00    | 9,343.79   | 1,786.94  | .....      |
| Street lighting.....                                   | 2,708.86  | 1,306.80  | 9,751.51   | 4,036.50  | 350.00     |
| Merchandise.....                                       | .....     | 109.51    | .....      | 1,654.46  | .....      |
| Miscellaneous.....                                     | 345.45    | 140.30    | 4,566.03   | 1,390.71  | 20.13      |
| Total earnings.....                                    | 79,147.65 | 27,322.71 | 189,403.52 | 64,471.22 | 5,730.53   |
| EXPENSES   |           |           |            |           |            |
| Power purchased.....                                   | 58,849.20 | 20,494.88 | 112,408.24 | 37,636.64 | 4,530.52   |
| Substation operation.....                              | .....     | .....     | .....      | .....     | .....      |
| Substation maintenance.....                            | 565.01    | .....     | 597.14     | 1,359.83  | .....      |
| Distribution system, operation and maintenance.....    | 5,374.61  | 1,696.89  | 15,428.67  | 2,967.40  | 56.64      |
| Line transformer maintenance.....                      | 141.45    | 6.45      | 191.70     | 237.90    | 33.22      |
| Meter maintenance.....                                 | 1,148.82  | 18.77     | 1,518.38   | 1,058.11  | 0.45       |
| Consumers' premises expenses.....                      | 746.20    | .....     | 865.76     | 2,095.39  | .....      |
| Street lighting, operation and maintenance.....        | 1,201.41  | 97.42     | 1,798.96   | 964.88    | 62.09      |
| Promotion of business.....                             | 67.90     | .....     | .....      | .....     | .....      |
| Billing and collecting.....                            | 3,245.41  | 1,162.39  | 5,755.18   | 1,589.64  | 199.75     |
| General office, salaries and expenses.....             | 4,081.90  | 735.38    | 7,604.48   | 1,823.01  | 74.76      |
| Undistributed expenses.....                            | .....     | 62.93     | .....      | 1,838.72  | 6.26       |
| Truck operation and maintenance.....                   | .....     | 323.80    | .....      | 830.81    | .....      |
| Interest.....  | .....     | 33.68     | .....      | 52.54     | .....      |
| Sinking fund and principal payments on debentures..... | .....     | .....     | .....      | .....     | .....      |
| Depreciation.....                                      | 4,740.00  | 1,160.00  | 12,268.00  | 2,660.00  | 212.00     |
| Other reserves.....                                    | .....     | .....     | .....      | .....     | .....      |
| Total operating costs and fixed charges.....           | 80,161.91 | 25,792.59 | 158,436.51 | 55,114.87 | 5,175.69   |
| Net surplus.....                                       | .....     | 1,530.12  | 30,967.01  | 9,356.35  | 554.84     |
| Net loss.....  | 1,014.26  | .....     | .....      | .....     | .....      |
| NUMBER OF CUSTOMERS                                    |           |           |            |           |            |
| Domestic service.....                                  | 692       | 311       | 2,920      | 601       | 85         |
| Commercial light service.....                          | 154       | 82        | 236        | 135       | 35         |
| Power service.....                                     | 23        | 14        | 40         | 25        | 1          |
| Total.....   | 869       | 407       | 3,196      | 761       | 121        |

## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Morrisburg<br>1,913 | Mount<br>Brydges<br>633 | Mount<br>Forest<br>2,168 | Napanee<br>3,769 | Neustadt<br>457 | Newboro<br>276 | Newburgh<br>486 |
|---------------------|-------------------------|--------------------------|------------------|-----------------|----------------|-----------------|
| \$                  | \$                      | \$                       | \$               | \$              | \$             | \$              |
| 17,608.55           | 4,619.20                | 18,955.07                | 46,092.44        | 3,394.65        | 3,034.23       | 4,655.10        |
| 12,161.40           | 1,375.08                | 13,982.50                | 31,707.51        | 2,064.12        | 1,902.80       | 1,856.94        |
| 7,591.39            | 1,079.61                | 8,892.97                 | 18,133.07        | 1,173.58        |                | 954.45          |
| 1,382.87            |                         | 1,185.00                 | 792.63           |                 |                |                 |
| 3,586.00            | 889.50                  | 2,386.88                 | 4,361.00         | 644.00          | 759.96         | 495.00          |
|                     |                         |                          | 3,101.49         |                 |                |                 |
| 1,827.93            | 333.49                  | 519.33                   | 426.96           | 437.94          | 0.24           |                 |
| 44,158.14           | 8,296.88                | 45,921.75                | 104,615.10       | 7,714.29        | 5,697.23       | 7,961.49        |
| 17,077.48           | 4,933.94                | 25,989.72                | 62,155.71        | 3,002.81        | 2,250.96       | 4,297.99        |
| 2,903.68            |                         |                          |                  |                 |                |                 |
| 2,163.56            | 165.28                  | 2,185.42                 | 2,046.16         | 66.01           | 48.21          | 172.74          |
| 132.78              | 14.78                   | 102.76                   | 597.89           |                 | 39.09          | 44.70           |
| 494.96              |                         | 408.61                   | 692.88           | 41.87           |                | 40.15           |
| 169.00              | 8.92                    |                          | 1,664.40         |                 |                |                 |
| 556.79              | 196.68                  | 435.20                   | 1,162.29         | 115.42          | 87.45          | 10.72           |
| 2,377.02            | 1,333.98                | 1,209.01                 | 3,703.48         | 719.39          | 201.97         | 504.61          |
| 1,016.14            | 47.53                   | 532.32                   | 9,032.25         | 322.42          | 230.53         | 76.97           |
| 824.30              | 1.76                    | 160.62                   | 4,328.63         | 26.02           |                |                 |
| 1,293.65            |                         | 285.78                   | 526.64           |                 |                |                 |
|                     | 1.35                    |                          | 233.41           | 2.08            | 512.06         | 400.00          |
|                     |                         |                          |                  |                 | 632.67         | 500.00          |
| 1,314.00            | 428.00                  | 1,348.00                 | 3,994.00         | 580.00          | 367.00         | 571.00          |
| 30,323.36           | 7,132.22                | 32,657.44                | 90,137.74        | 4,876.02        | 4,369.94       | 6,618.88        |
| 13,834.78           | 1,164.66                | 13,264.31                | 14,477.36        | 2,838.27        | 1,327.29       | 1,342.61        |
| 522                 | 211                     | 605                      | 1,099            | 145             | 77             | 125             |
| 152                 | 49                      | 160                      | 241              | 32              | 18             | 25              |
| 30                  | 6                       | 19                       | 30               | 3               |                | 4               |
| 704                 | 266                     | 784                      | 1,370            | 180             | 95             | 154             |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Newbury   | Newcastle | New<br>Hamburg<br>1,704 | Newmarket  |
|---|-----------|-----------|-------------------------|------------|
| Population .....  | 284       | 851       | 1,704                   | 5,036      |
| <b>EARNINGS</b>   | <b>\$</b> | <b>\$</b> | <b>\$</b>               | <b>\$</b>  |
| Domestic service.....                                     | 2,706.68  | 9,420.77  | 19,538.64               | 51,681.51  |
| Commercial light service.....                             | 1,639.79  | 4,659.47  | 9,833.37                | 25,693.16  |
| Commercial power service.....                             | 212.78    | 7,013.01  | 11,480.16               | 31,950.72  |
| Municipal power.....                                      |           |           |                         | 2,404.93   |
| Street lighting.....                                      | 720.00    | 1,454.09  | 2,124.08                | 6,751.08   |
| Merchandise.....  |           |           | 675.31                  |            |
| Miscellaneous.....  | 199.64    | 416.02    | 382.87                  |            |
| Total earnings.....                                       | 5,478.89  | 22,963.36 | 44,034.43               | 118,481.40 |
| <b>EXPENSES</b>   |           |           |                         |            |
| Power purchased.....                                      | 3,202.00  | 12,921.78 | 33,300.08               | 85,906.62  |
| Substation operation.....                                 |           |           | 339.28                  |            |
| Substation maintenance.....                               |           |           |                         | 122.22     |
| Distribution system, operation and<br>maintenance.....    | 254.65    | 1,311.41  | 1,541.09                | 5,954.23   |
| Line transformer maintenance.....                         | 6.00      | 38.50     | 50.28                   | 1,243.04   |
| Meter maintenance.....                                    |           | 375.29    | 500.74                  | 302.19     |
| Consumers' premises expenses.....                         |           | 145.12    | 680.44                  |            |
| Street lighting, operation and main-<br>tenance.....      | 192.71    | 352.56    | 226.12                  | 1,532.06   |
| Promotion of business.....                                |           |           |                         | 10.27      |
| Billing and collecting.....                               | 219.04    | 1,284.75  | 1,494.42                | 3,832.51   |
| General office, salaries and expenses..                   | 159.65    | 822.18    | 1,205.10                | 3,836.13   |
| Undistributed expenses.....                               | 7.99      | 232.77    | 498.20                  |            |
| Truck operation and maintenance.....                      |           | 572.22    | 601.10                  |            |
| Interest.....   |           |           | 3.00                    | 54.91      |
| Sinking fund and principal payments<br>on debentures..... |           |           |                         | 1,000.00   |
| Depreciation.....   | 352.00    | 725.00    | 2,134.00                | 5,522.00   |
| Other reserves.....                                       |           |           |                         | 275.00     |
| Total operating costs and<br>fixed charges.....           | 4,394.04  | 18,781.58 | 42,573.85               | 109,591.18 |
| Net surplus.....  | 1,084.85  | 4,181.78  | 1,460.58                | 8,890.22   |
| Net loss.....   |           |           |                         |            |
| <b>NUMBER OF CUSTOMERS</b>                                |           |           |                         |            |
| Domestic service.....                                     | 91        | 278       | 451                     | 1,380      |
| Commercial light service.....                             | 23        | 43        | 116                     | 213        |
| Power service.....  | 1         | 9         | 17                      | 41         |
| Total.....  | 115       | 330       | 584                     | 1,634      |



"B"—Continued

## Utilities for Year Ended December 31, 1950

| New<br>Toronto<br>10,961 | Niagara<br>1,939 | Niagara Falls<br>21,737 | North York<br>Twp. (V.A.)<br>..... | Norwich<br>1,361 | Norwood<br>911 | Oakville<br>6,371 |
|--------------------------|------------------|-------------------------|------------------------------------|------------------|----------------|-------------------|
| \$                       | \$               | \$                      | \$                                 | \$               | \$             | \$                |
| 90,971.91                | 34,868.09        | 179,888.19              | 983,061.14                         | 15,979.49        | 9,389.17       | 59,009.50         |
| 45,101.61                | 10,469.63        | 120,254.58              | 152,046.19                         | 8,322.69         | 5,250.93       | 45,528.22         |
| 295,146.68               | 1,916.29         | 138,885.40              | 170,857.57                         | 2,256.19         | 2,686.64       | 64,570.65         |
| 14,087.65                | 1,036.32         | 16,976.70               | 15,618.37                          | 473.11           | 205.62         | 8,345.58          |
| 9,694.04                 | 4,594.18         | 40,102.52               | 26,649.01                          | 2,530.00         | 1,656.00       | 5,826.10          |
| .....                    | 2,565.57         | .....                   | .....                              | 859.93           | .....          | .....             |
| 6,689.64                 | 150.00           | 5,155.62                | 300.00                             | 344.37           | 680.91         | 25.17             |
| 461,691.53               | 55,600.08        | 501,263.01              | 1,348,532.28                       | 30,765.78        | 19,869.27      | 183,305.22        |
| 391,276.31               | 32,077.64        | 319,519.71              | 865,459.29                         | 19,394.97        | 7,353.52       | 117,814.35        |
| .....                    | 115.90           | 14,635.25               | 5,063.44                           | .....            | .....          | 96.20             |
| 6,704.50                 | 2,920.91         | 21,589.20               | 89,317.22                          | 3,712.29         | 1,261.20       | 4,287.90          |
| 1,692.86                 | 305.10           | 965.47                  | 13,531.14                          | 2.08             | .....          | 747.83            |
| 3,763.63                 | 641.42           | 9,887.26                | 7,790.25                           | 283.78           | 142.63         | 1,089.59          |
| 260.94                   | 57.62            | 9,134.59                | 5,937.74                           | 1,074.76         | 38.19          | 591.43            |
| 2,719.35                 | 858.74           | 7,017.33                | 6,818.62                           | 461.53           | 647.95         | 2,119.70          |
| 6,051.52                 | 1,814.87         | 15,200.43               | 57,776.40                          | 1,267.55         | 1,056.45       | 6,388.78          |
| 13,887.76                | 1,958.05         | 19,052.27               | 32,531.91                          | 1,263.89         | 691.14         | 11,525.20         |
| .....                    | 947.80           | 11,846.94               | .....                              | 286.53           | .....          | .....             |
| .....                    | 1,005.54         | 5,402.08                | .....                              | 297.18           | .....          | .....             |
| .....                    | 210.00           | 286.58                  | 59,042.48                          | .....            | 125.05         | .....             |
| .....                    | 1,200.00         | 5,731.61                | 50,850.72                          | .....            | 2,278.56       | .....             |
| 11,165.00                | 3,878.00         | 24,707.00               | 66,120.00                          | 1,384.00         | 1,043.00       | 6,055.00          |
| .....                    | .....            | .....                   | 3,251.00                           | .....            | .....          | 443.00            |
| 437,521.87               | 47,991.59        | 464,975.72              | 1,263,490.21                       | 29,428.56        | 14,637.69      | 151,158.98        |
| 24,169.66                | 7,608.49         | 36,287.29               | 85,042.07                          | 1,337.22         | 5,231.58       | 32,146.24         |
| .....                    | .....            | .....                   | .....                              | .....            | .....          | .....             |
| 2,372                    | 816              | 5,781                   | 22,451                             | 446              | 270            | 1,800             |
| 294                      | 112              | 939                     | 1,171                              | 101              | 78             | 252               |
| 56                       | 14               | 139                     | 148                                | 10               | 5              | 69                |
| 2,722                    | 942              | 6,859                   | 23,770                             | 557              | 353            | 2,121             |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Oil Springs | Omemece   | Orange-<br>ville | Orono     | Oshawa       |
|---|-------------|-----------|------------------|-----------|--------------|
| Population.....   | 420         | 713       | 3,273            | 561       | 29,771       |
| EARNINGS  | \$          | \$        | \$               | \$        | \$           |
| Domestic service.....                                     | 2,884.65    | 5,953.16  | 31,155.35        | 8,526.99  | 362,445.75   |
| Commercial light service.....                             | 1,744.40    | 2,948.81  | 21,208.46        | 3,140.59  | 131,144.89   |
| Commercial power service.....                             | 5,442.55    | 3,299.37  | 7,932.14         | 159.82    | 534,537.97   |
| Municipal power.....                                      | 198.11      | .....     | 953.37           | .....     | 16,162.79    |
| Street lighting.....                                      | 632.66      | 1,099.40  | 4,750.22         | 1,111.25  | 37,199.98    |
| Merchandise.....  | .....       | .....     | .....            | .....     | .....        |
| Miscellaneous.....  | 622.22      | 161.78    | 1,545.71         | 316.76    | 40,540.99    |
| Total earnings.....                                       | 11,524.59   | 13,462.52 | 67,545.25        | 13,255.41 | 1,122,032.37 |
| EXPENSES  |             |           |                  |           |              |
| Power purchased.....                                      | 7,292.71    | 5,588.49  | 28,737.12        | 4,893.26  | 810,828.15   |
| Substation operation.....                                 | .....       | .....     | .....            | .....     | 2,399.92     |
| Substation maintenance.....                               | .....       | .....     | .....            | .....     | .....        |
| Distribution system, operation and<br>maintenance.....    | 225.78      | 824.67    | 2,836.26         | 408.05    | 29,962.11    |
| Line transformer maintenance.....                         | 52.94       | 140.25    | 213.66           | 38.70     | 613.14       |
| Meter maintenance.....                                    | 52.25       | 221.12    | 599.30           | 295.50    | 9,863.14     |
| Consumers' premises expenses.....                         | .....       | .....     | .....            | 29.00     | 9,277.65     |
| Street lighting, operation and main-<br>tenance.....      | 55.45       | 328.33    | 784.04           | 147.67    | 4,383.67     |
| Promotion of business.....                                | .....       | .....     | .....            | .....     | 506.73       |
| Billing and collecting.....                               | 644.66      | 607.13    | 2,630.01         | 853.54    | 21,647.13    |
| General office, salaries and expenses                     | 225.74      | 229.66    | 1,219.42         | 814.74    | 30,780.22    |
| Undistributed expenses.....                               | 4.03        | 26.25     | 413.50           | 21.34     | 5,849.00     |
| Truck operation and maintenance.....                      | .....       | .....     | 987.20           | .....     | 3,078.99     |
| Interest.....   | .....       | .....     | .....            | .....     | .....        |
| Sinking fund and principal payments<br>on debentures..... | .....       | .....     | .....            | .....     | .....        |
| Depreciation.....   | 897.00      | 816.00    | 3,544.00         | 503.00    | 33,976.28    |
| Other reserves.....                                       | .....       | .....     | .....            | .....     | 493.00       |
| Total operating costs and<br>fixed charges.....           | 9,450.56    | 8,781.90  | 41,964.51        | 8,004.80  | 963,659.13   |
| Net surplus.....  | 2,074.03    | 4,680.62  | 25,580.74        | 5,250.61  | 158,373.24   |
| Net loss.....   | .....       | .....     | .....            | .....     | .....        |
| NUMBER OF CUSTOMERS                                       |             |           |                  |           |              |
| Domestic service.....                                     | 128         | 220       | 891              | 223       | 8,182        |
| Commercial light service.....                             | 40          | 39        | 215              | 48        | 907          |
| Power service.....  | 33          | 8         | 35               | 3         | 162          |
| Total.....  | 201         | 267       | 1,141            | 274       | 9,251        |

## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Ottawa       | Otterville | Owen Sound | Paisley   | Palmerston | Paris      | Parkhill  |
|--------------|------------|------------|-----------|------------|------------|-----------|
| 193,319      | 588        | 16,428     | 731       | 1,557      | 5,134      | 970       |
| \$           | \$         | \$         | \$        | \$         | \$         | \$        |
| 2,225,928.18 | 5,528.27   | 166,419.54 | 7,844.37  | 18,616.66  | 44,641.36  | 12,436.56 |
| 1,630,131.02 | 3,277.56   | 92,483.15  | 4,967.15  | 9,463.73   | 15,279.19  | 7,348.67  |
| 601,063.70   | 528.70     | 117,377.53 | 2,046.90  | 9,206.67   | 33,044.83  | 5,051.73  |
| 166,992.58   | 135.83     | .....      | 323.12    | 1,354.70   | 1,494.88   | 657.87    |
| 114,846.45   | 945.00     | 13,857.83  | 1,492.00  | 2,775.87   | 6,925.50   | 2,176.10  |
| .....        | .....      | .....      | .....     | 64.14      | .....      | .....     |
| 39,002.54    | 191.37     | 2,271.82   | 183.73    | 503.06     | 1,333.59   | 189.85    |
| 4,777,964.47 | 10,606.73  | 392,409.87 | 16,857.27 | 41,984.83  | 102,719.35 | 27,860.78 |
| 2,407,370.41 | 6,419.96   | 234,866.88 | 6,853.71  | 24,308.10  | 73,123.21  | 13,570.34 |
| 288,467.73   | .....      | 9,029.43   | .....     | .....      | .....      | .....     |
| 14,764.66    | .....      | 569.99     | .....     | .....      | 988.65     | .....     |
| 190,286.53   | 1,022.32   | 9,577.41   | 1,073.53  | 1,287.33   | 4,304.71   | 2,029.42  |
| 24,872.18    | 7.50       | 1,560.85   | 31.41     | 388.50     | 379.40     | 106.62    |
| 40,078.94    | 48.00      | 4,344.08   | 38.37     | 386.02     | 1,118.58   | 216.63    |
| 17,968.31    | 64.20      | 5,842.40   | .....     | 375.24     | 303.50     | 329.64    |
| 37,831.64    | 148.92     | 4,201.64   | 381.70    | 650.42     | 2,567.21   | 449.52    |
| 9,803.68     | .....      | 260.35     | .....     | 12.30      | .....      | .....     |
| 183,493.82   | 453.09     | 16,118.86  | 750.32    | 1,557.52   | 2,935.64   | 721.00    |
| 100,908.36   | 490.98     | 14,562.86  | 827.59    | 1,237.54   | 2,464.24   | 292.52    |
| 7,401.63     | 9.49       | 3,542.49   | 67.44     | 234.92     | 1,301.09   | 129.16    |
| 35,923.92    | .....      | .....      | .....     | 437.81     | 1,814.06   | 251.89    |
| 127,251.90   | .....      | 554.54     | .....     | .....      | 25.65      | 50.19     |
| 245,964.77   | .....      | .....      | .....     | .....      | .....      | .....     |
| 257,585.00   | 571.00     | 15,862.00  | 1,021.00  | 2,648.00   | 5,069.00   | 1,580.00  |
| 34,120.00    | .....      | .....      | .....     | .....      | .....      | .....     |
| 4,024,093.48 | 9,235.46   | 320,893.78 | 11,045.07 | 33,523.70  | 96,394.94  | 19,726.93 |
| 753,870.99   | 1,371.27   | 71,516.09  | 5,812.20  | 8,461.13   | 6,324.41   | 8,133.85  |
| 50,143       | 191        | 4,475      | 251       | 461        | 1,341      | 342       |
| 6,853        | 62         | 676        | 64        | 107        | 204        | 93        |
| 972          | 11         | 117        | 7         | 22         | 32         | 12        |
| 57,968       | 264        | 5,268      | 322       | 590        | 1,577      | 447       |



## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Parry Sound | Penetang-<br>uishene | Perth      | Peter-<br>borough |
|---|-------------|----------------------|------------|-------------------|
| Population .....  | 5,148       | 4,793                | 4,786      | 36,716            |
| <b>EARNINGS</b>   | <b>\$</b>   | <b>\$</b>            | <b>\$</b>  | <b>\$</b>         |
| Domestic service.....                                     | 48,558.03   | 24,818.47            | 47,322.76  | 389,012.42        |
| Commercial light service.....                             | 31,758.59   | 14,855.22            | 26,247.34  | 163,321.76        |
| Commercial power service.....                             | 11,297.38   | 20,662.63            | 21,913.08  | 339,481.12        |
| Municipal power.....                                      | 3,184.20    | 2,121.96             | 1,128.43   | 8,332.96          |
| Street lighting.....                                      | 7,744.23    | 3,117.34             | 3,829.14   | 31,815.00         |
| Merchandise.....  | .....       | 116.42               | 6,267.64   | .....             |
| Miscellaneous.....  | 6,154.93    | 2,095.05             | 3,093.56   | 2,591.08          |
| Total earnings.....                                       | 108,697.36  | 67,787.09            | 109,801.95 | 934,554.34        |
| <b>EXPENSES</b>   |             |                      |            |                   |
| Power purchased.....                                      | 24,269.28   | 34,118.63            | 72,247.51  | 648,663.85        |
| Substation operation.....                                 | 10,511.08   | .....                | 91.57      | 14,837.05         |
| Substation maintenance.....                               | 612.78      | .....                | .....      | 3,260.04          |
| Distribution system, operation and<br>maintenance.....    | 3,966.68    | 5,079.19             | 5,823.84   | 28,119.69         |
| Line transformer maintenance.....                         | 121.93      | 245.51               | 336.50     | 1,971.72          |
| Meter maintenance.....                                    | 1,984.56    | 771.93               | 789.61     | 22,063.43         |
| Consumers' premises expenses.....                         | 337.41      | 5.23                 | 72.67      | 14,364.55         |
| Street lighting, operation and main-<br>tenance.....      | 936.73      | 682.42               | 976.29     | 11,981.10         |
| Promotion of business.....                                | .....       | .....                | 24.76      | 128.05            |
| Billing and collecting.....                               | 3,725.69    | 2,579.10             | 3,632.66   | 23,304.37         |
| General office, salaries and expenses..                   | 8,098.77    | 2,028.63             | 5,446.99   | 16,362.64         |
| Undistributed expenses.....                               | 2,799.80    | 1,177.45             | 442.45     | 21,356.01         |
| Truck operation and maintenance.....                      | 1,911.14    | 578.86               | 2,435.13   | 12,263.23         |
| Interest.....   | 581.11      | .....                | 488.05     | 2,463.60          |
| Sinking fund and principal payments<br>on debentures..... | 6,665.19    | .....                | 3,840.64   | 6,000.00          |
| Depreciation.....   | 9,400.00    | 3,233.00             | 4,054.00   | 49,603.00         |
| Other reserves.....                                       | .....       | .....                | .....      | 375.00            |
| Total operating costs and<br>fixed charges.....           | 75,922.15   | 50,499.95            | 100,702.67 | 877,117.33        |
| Net surplus.....  | 32,775.21   | 17,287.14            | 9,099.28   | 57,437.01         |
| Net loss.....   | .....       | .....                | .....      | .....             |
| <b>NUMBER OF CUSTOMERS</b>                                |             |                      |            |                   |
| Domestic service.....                                     | 1,366       | 1,011                | 1,373      | 9,665             |
| Commercial light service.....                             | 263         | 150                  | 235        | 1,324             |
| Power service.....  | 24          | 19                   | 35         | 210               |
| Total.....  | 1,653       | 1,180                | 1,643      | 11,199            |

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Petrolia<br>3,006 | Picton<br>4,217 | Plattsville<br>402 | Point<br>Edward<br>1,687 | Port<br>Colborne<br>8,008 | Port Credit<br>3,342 | Port<br>Dalhousie<br>2,368 |
|-------------------|-----------------|--------------------|--------------------------|---------------------------|----------------------|----------------------------|
| \$                | \$              | \$                 | \$                       | \$                        | \$                   | \$                         |
| 22,747.53         | 42,507.34       | 5,500.72           | 15,160.44                | 46,646.48                 | 44,513.14            | 38,120.73                  |
| 16,256.01         | 26,876.56       | 3,260.91           | 5,512.80                 | 33,425.45                 | 16,558.39            | 7,887.23                   |
| 27,245.91         | 12,792.48       | 4,272.94           | 86,801.56                | 23,445.91                 | 10,519.21            | 8,870.67                   |
| .....             | 3,040.31        | .....              | 157.59                   | 7,336.63                  | 1,373.68             | .....                      |
| 3,784.00          | 3,885.54        | 459.00             | 2,172.00                 | 9,533.86                  | 3,460.00             | 2,406.13                   |
| .....             | 223.82          | .....              | .....                    | .....                     | .....                | .....                      |
| 1,639.15          | 234.47          | 236.03             | 2,476.22                 | 3,238.06                  | 134.00               | .....                      |
| 71,672.60         | 89,560.52       | 13,729.60          | 112,280.61               | 123,626.39                | 76,558.42            | 57,284.76                  |
| 38,577.68         | 59,447.65       | 10,320.45          | 99,554.18                | 69,135.85                 | 48,659.42            | 31,874.96                  |
| 391.27            | 5.94            | .....              | .....                    | .....                     | .....                | .....                      |
| 5,707.83          | 2,698.44        | 248.85             | 1,837.43                 | 13,334.22                 | 3,777.25             | 6,652.94                   |
| 481.98            | 92.34           | .....              | 421.61                   | 633.14                    | 240.79               | 443.71                     |
| 1,054.01          | 754.66          | 201.52             | 109.78                   | 1,274.24                  | 1,122.39             | 209.43                     |
| 2,485.74          | 72.46           | .....              | 1,065.06                 | 1,613.47                  | 1,252.92             | 386.15                     |
| 1,152.77          | 470.05          | 55.23              | 330.94                   | 2,792.77                  | 1,460.63             | 531.28                     |
| 1.00              | .....           | .....              | 89.96                    | .....                     | .....                | .....                      |
| 2,064.87          | 4,552.61        | 273.12             | 2,297.92                 | 6,242.05                  | 2,703.17             | 2,874.70                   |
| 4,540.52          | 2,839.42        | 44.57              | 3,401.90                 | 4,830.27                  | 1,355.65             | 2,290.48                   |
| 2,930.59          | 338.18          | 7.86               | 56.78                    | 2,322.60                  | .....                | 878.76                     |
| 1,797.78          | 996.46          | .....              | .....                    | 1,421.36                  | .....                | 509.27                     |
| .....             | .....           | .....              | 292.02                   | 95.35                     | 550.95               | 595.00                     |
| .....             | .....           | .....              | .....                    | 1,910.71                  | 890.34               | 1,449.10                   |
| 3,587.00          | 5,296.00        | 528.00             | 2,219.00                 | 7,199.00                  | 3,865.00             | 2,231.00                   |
| .....             | .....           | .....              | .....                    | .....                     | 179.00               | .....                      |
| 64,773.04         | 77,564.21       | 11,679.60          | 111,676.58               | 112,805.03                | 66,057.51            | 50,926.78                  |
| 6,899.56          | 11,996.31       | 2,050.00           | 604.03                   | 10,821.36                 | 10,500.91            | 6,357.98                   |
| .....             | .....           | .....              | .....                    | .....                     | .....                | .....                      |
| 889               | 1,300           | 135                | 461                      | 1,978                     | 928                  | 862                        |
| 195               | 280             | 28                 | 63                       | 282                       | 136                  | 79                         |
| 63                | 46              | 2                  | 13                       | 32                        | 17                   | 12                         |
| 1,147             | 1,626           | 165                | 537                      | 2,292                     | 1,081                | 953                        |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Port Dover       | Port Elgin       | Port Hope         | Port<br>McNicol<br>897 | Port Perry       |
|---|------------------|------------------|-------------------|------------------------|------------------|
| Population.....   | 2,442            | 1,541            | 6,131             | 897                    | 1,600            |
| <b>EARNINGS</b>   | <b>\$</b>        | <b>\$</b>        | <b>\$</b>         | <b>\$</b>              | <b>\$</b>        |
| Domestic service.....                                     | 19,398.13        | 24,946.39        | 70,723.25         | 7,787.90               | 19,345.13        |
| Commercial light service.....                             | 11,020.31        | 13,007.90        | 29,187.01         | 2,171.51               | 8,831.65         |
| Commercial power service.....                             | 8,744.70         | 5,132.34         | 73,511.61         | .....                  | 3,699.50         |
| Municipal power.....                                      | .....            | 1,116.30         | 2,076.99          | 538.18                 | 10.88            |
| Street lighting.....                                      | 3,316.97         | 3,579.05         | 5,654.69          | 1,055.00               | 1,860.00         |
| Merchandise.....  | .....            | .....            | 192.06            | .....                  | .....            |
| Miscellaneous.....  | 108.11           | 455.48           | 279.68            | 310.00                 | 558.22           |
| <b>Total earnings.....</b>                                | <b>42,588.22</b> | <b>48,237.46</b> | <b>181,625.29</b> | <b>11,862.59</b>       | <b>34,305.38</b> |
| <b>EXPENSES</b>   |                  |                  |                   |                        |                  |
| Power purchased.....                                      | 27,216.25        | 25,046.37        | 139,843.87        | 4,206.88               | 13,466.86        |
| Substation operation.....                                 | .....            | .....            | 229.77            | .....                  | .....            |
| Substation maintenance.....                               | .....            | .....            | .....             | .....                  | .....            |
| Distribution system, operation and<br>maintenance.....    | 3,307.52         | 2,324.49         | 4,183.91          | 549.55                 | 1,994.98         |
| Line transformer maintenance.....                         | 56.14            | 128.51           | 92.31             | 53.20                  | 5.18             |
| Meter maintenance.....                                    | 635.41           | 184.13           | 2,269.21          | 318.96                 | 322.82           |
| Consumers' premises expenses.....                         | 15.22            | 407.68           | 908.33            | 10.60                  | 841.24           |
| Street lighting, operation and main-<br>tenance.....      | 399.60           | 524.67           | 1,470.86          | 148.47                 | 290.84           |
| Promotion of business.....                                | .....            | .....            | .....             | .....                  | .....            |
| Billing and collecting.....                               | 1,444.91         | 1,211.54         | 5,036.69          | 819.45                 | 1,191.23         |
| General office, salaries and expenses                     | 1,585.50         | 581.86           | 7,190.05          | 423.59                 | 943.54           |
| Undistributed expenses.....                               | 200.42           | 126.90           | 3,557.21          | 66.34                  | 8.83             |
| Truck operation and maintenance...                        | 558.82           | 1,584.35         | 2,262.99          | .....                  | .....            |
| Interest.....   | 11.71            | 160.97           | .....             | 126.53                 | .....            |
| Sinking fund and principal payments<br>on debentures..... | .....            | 3,209.23         | .....             | 200.00                 | .....            |
| <b>Depreciation.....</b>                                  | <b>3,330.00</b>  | <b>1,950.00</b>  | <b>6,910.00</b>   | <b>729.00</b>          | <b>1,422.00</b>  |
| <b>Other reserves.....</b>                                | <b>.....</b>     | <b>.....</b>     | <b>.....</b>      | <b>.....</b>           | <b>.....</b>     |
| <b>Total operating costs and<br/>fixed charges.....</b>   | <b>38,761.50</b> | <b>37,440.70</b> | <b>173,955.20</b> | <b>7,652.57</b>        | <b>20,487.52</b> |
| <b>Net surplus.....</b>                                   | <b>3,826.72</b>  | <b>10,796.76</b> | <b>7,670.09</b>   | <b>4,210.02</b>        | <b>13,817.86</b> |
| <b>Net loss.....</b>                                      | <b>.....</b>     | <b>.....</b>     | <b>.....</b>      | <b>.....</b>           | <b>.....</b>     |
| <b>NUMBER OF CUSTOMERS</b>                                |                  |                  |                   |                        |                  |
| Domestic service.....                                     | 954              | 650              | 1,891             | 314                    | 478              |
| Commercial light service.....                             | 179              | 148              | 249               | 25                     | 104              |
| Power service.....  | 21               | 12               | 45                | 1                      | 11               |
| <b>Total.....</b>   | <b>1,154</b>     | <b>810</b>       | <b>2,185</b>      | <b>340</b>             | <b>593</b>       |



## “B”—Continued

## Utilities for Year Ended December 31, 1950

| Port Rowan<br>803 | Port Stanley<br>1,196 | Prescott<br>3,357 | Preston<br>7,368 | Priceville<br>181 | Princeton<br>321 | Queenston<br>287 |
|-------------------|-----------------------|-------------------|------------------|-------------------|------------------|------------------|
| \$                | \$                    | \$                | \$               | \$                | \$               | \$               |
| 5,210.66          | 27,343.04             | 39,349.37         | 70,389.64        | 1,477.40          | 4,207.50         | 4,984.86         |
| 5,341.33          | 9,749.90              | 20,194.94         | 29,945.45        | 974.30            | 1,458.95         | 2,853.29         |
| 131.13            | 18,369.50             | 15,384.07         | 84,358.16        |                   | 1,848.20         |                  |
| 163.99            | 1,069.17              | 1,716.93          | 2,239.99         |                   |                  |                  |
| 903.50            | 3,026.35              | 4,628.98          | 7,992.00         | 267.00            | 578.00           | 582.00           |
|                   | 396.63                | 93.26             | 644.32           | 2.17              | 219.49           | 210.00           |
| 11,750.61         | 59,954.59             | 81,367.55         | 195,569.56       | 2,720.87          | 8,312.14         | 8,630.15         |
| 8,563.18          | 39,944.41             | 47,773.17         | 157,532.00       | 786.83            | 6,284.42         | 5,066.02         |
|                   |                       | 2,257.33          | 4,392.78         |                   |                  |                  |
|                   |                       |                   | 2,766.76         |                   |                  |                  |
| 1,089.97          | 2,680.17              | 3,938.21          | 4,672.08         | 114.55            | 158.22           | 1,226.50         |
| 22.80             | 120.81                | 115.06            | 604.90           |                   | 5.69             |                  |
| 171.12            | 478.61                | 567.93            | 2,445.65         | 3.00              | 56.72            | 58.64            |
|                   | 25.36                 | 983.38            | 484.72           |                   |                  | 379.49           |
| 174.18            | 554.54                | 849.26            | 1,106.19         | 34.99             | 72.18            | 3.50             |
| 545.68            | 2,092.60              | 2,827.59          | 3,088.45         | 256.31            | 275.31           | 261.70           |
| 247.70            | 1,096.52              | 4,626.79          | 5,141.63         | 209.57            | 41.36            | 284.35           |
| 28.91             | 636.14                | 634.34            | 2,080.11         |                   | 1.91             | 38.07            |
|                   | 376.13                | 601.55            | 1,249.34         |                   |                  |                  |
| 31.00             | 59.84                 | 110.66            | 184.94           | 225.71            |                  |                  |
|                   |                       |                   | 1,528.43         | 150.00            |                  |                  |
| 805.00            | 2,917.00              | 3,074.00          | 8,214.00         | 359.00            | 254.00           | 618.00           |
| 11,679.54         | 50,982.13             | 68,359.27         | 195,491.98       | 2,139.96          | 7,149.81         | 7,936.27         |
| 71.07             | 8,972.46              | 13,008.28         | 77.58            | 580.91            | 1,162.33         | 693.88           |
| 252               | 1,028                 | 915               | 1,939            | 50                | 109              | 100              |
| 72                | 126                   | 169               | 254              | 13                | 25               | 19               |
| 3                 | 16                    | 28                | 60               |                   | 4                |                  |
| 327               | 1,170                 | 1,112             | 2,253            | 63                | 138              | 119              |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Renfrew    | Richmond | Richmond Hill | Ridgetown | Ripley    |
|--|------------|----------|---------------|-----------|-----------|
| Population.....  | 7,069      | 556      | 2,123         | 2,211     | 450       |
| EARNINGS   | \$         | \$       | \$            | \$        | \$        |
| Domestic service.....                                  | 57,149.43  | 5,382.91 | 26,821.62     | 14,013.30 | 5,593.21  |
| Commercial light service.....                          | 26,361.91  | 2,174.72 | 9,483.93      | 13,110.18 | 2,886.65  |
| Commercial power service.....                          | 56,099.05  |          | 3,036.50      | 7,979.00  | 1,673.12  |
| Municipal power.....                                   |            |          | 997.72        | 1,627.55  | 577.95    |
| Street lighting.....                                   | 6,648.00   | 506.25   | 1,479.72      | 4,955.97  | 1,187.00  |
| Merchandise.....                                       |            |          |               | 97.21     |           |
| Miscellaneous.....                                     | 10,715.04  |          | 202.68        | 1,350.33  | 13.94     |
| Total earnings.....                                    | 156,973.43 | 8,063.88 | 42,022.17     | 43,133.54 | 11,931.87 |
| EXPENSES   |            |          |               |           |           |
| Power purchased.....                                   | 44,021.03  | 6,284.02 | 28,776.72     | 23,332.24 | 6,267.17  |
| Substation operation.....                              | 30,997.06  |          |               |           |           |
| Substation maintenance.....                            | 2,021.33   |          |               |           |           |
| Distribution system, operation and maintenance.....    | 5,178.33   | 80.48    | 1,437.05      | 5,829.00  | 378.54    |
| Line transformer maintenance.....                      | 414.44     | 101.10   | 565.05        | 221.94    |           |
| Meter maintenance.....                                 | 535.19     | 65.12    | 42.10         | 253.27    | 284.10    |
| Consumers' premises expenses.....                      | 26.11      |          | 65.05         | 98.99     |           |
| Street lighting, operation and maintenance.....        | 713.51     | 41.61    | 237.43        | 940.45    | 63.50     |
| Promotion of business.....                             |            |          |               | 279.12    |           |
| Billing and collecting.....                            | 4,627.96   | 272.96   | 2,175.97      | 2,654.86  | 422.06    |
| General office, salaries and expenses.....             | 9,095.24   | 76.11    | 530.07        | 3,062.73  | 161.78    |
| Undistributed expenses.....                            | 5,672.23   |          |               | 11.23     |           |
| Truck operation and maintenance.....                   | 1,439.82   |          |               | 409.75    |           |
| Interest.....  | 1,633.81   | 60.35    |               |           |           |
| Sinking fund and principal payments on debentures..... | 8,284.31   |          |               |           |           |
| Depreciation.....                                      | 11,329.00  | 434.00   | 1,557.00      | 1,521.00  | 678.00    |
| Other reserves.....                                    |            |          | 100.00        |           |           |
| Total operating costs and fixed charges.....           | 125,989.37 | 7,415.75 | 35,486.44     | 38,614.58 | 8,255.15  |
| Net surplus.....                                       | 30,984.06  | 648.13   | 6,535.73      | 4,518.96  | 3,676.72  |
| Net loss.....  |            |          |               |           |           |
| NUMBER OF CUSTOMERS                                    |            |          |               |           |           |
| Domestic service.....                                  | 1,820      | 154      | 616           | 720       | 154       |
| Commercial light service.....                          | 250        | 29       | 112           | 167       | 55        |
| Power service.....                                     | 68         |          | 19            | 25        | 2         |
| Total.....   | 2,138      | 183      | 747           | 912       | 211       |

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Riverside<br>8,600 | Rockwood<br>653 | Rodney<br>885 | Rosseau<br>185 | Russell<br>480 | St.<br>Catharines<br>37,543 | St. Clair<br>Beach<br>425 |
|--------------------|-----------------|---------------|----------------|----------------|-----------------------------|---------------------------|
| \$                 | \$              | \$            | \$             | \$             | \$                          | \$                        |
| 92,611.39          | 8,008.81        | 5,437.65      | 2,311.92       | 5,147.57       | 328,146.75                  | 6,101.52                  |
| 15,343.39          | 2,800.59        | 4,008.71      | 2,484.39       | 3,347.60       | 178,116.83                  | 2,797.74                  |
| 6,027.31           | 72.16           | 3,324.91      |                | 250.47         | 611,436.40                  | 248.28                    |
| 4,491.69           |                 |               |                |                |                             |                           |
| 6,332.22           | 882.76          | 1,152.02      | 940.02         | 880.00         | 37,225.01                   | 315.00                    |
| 5,602.23           | 118.99          | 501.66        |                | 63.21          | 11,467.41                   | 301.62                    |
| 130,408.23         | 11,883.31       | 14,424.95     | 5,736.33       | 9,688.85       | 1,166,392.40                | 9,764.16                  |
|                    |                 |               |                |                |                             |                           |
| 72,072.84          | 7,514.78        | 8,413.43      | 2,335.06       | 5,266.38       | 895,728.75                  | 4,992.10                  |
| 28.60              |                 |               |                |                | 18,868.71                   |                           |
| 4,152.49           | 776.61          | 1,201.27      | 156.37         | 61.41          | 51,993.64                   | 1,670.13                  |
| 109.92             |                 | 39.26         |                | 67.80          | 3,151.99                    | 11.35                     |
| 549.29             | 15.59           | 7.30          | 15.31          | 194.36         | 15,159.72                   | 5.75                      |
| 10,036.45          |                 |               |                |                | 3,716.80                    | 54.70                     |
| 982.35             | 157.16          | 284.85        | 102.40         | 77.62          | 7,467.55                    | 41.36                     |
|                    |                 |               |                |                | 466.77                      |                           |
| 3,269.42           | 608.40          | 719.03        | 367.00         | 645.70         | 31,854.62                   | 500.21                    |
| 4,964.69           | 507.28          | 535.26        | 114.05         | 139.80         | 16,739.27                   | 706.74                    |
| 2,138.28           | 32.31           | 37.12         | 2.23           |                | 18,863.39                   | 1.77                      |
| 2,386.18           |                 |               |                |                | 8,491.92                    |                           |
| 315.18             | 18.65           |               | 148.71         |                | 175.00                      |                           |
|                    | 181.96          |               | 897.76         |                | 3,500.00                    |                           |
| 7,518.00           | 522.00          | 882.00        | 251.00         | 481.00         | 41,762.00                   | 466.00                    |
|                    |                 |               |                |                |                             |                           |
| 108,523.69         | 10,334.74       | 12,119.52     | 4,389.89       | 6,934.07       | 1,117,940.13                | 8,450.11                  |
| 21,884.54          | 1,548.57        | 2,305.43      | 1,346.44       | 2,754.78       | 48,452.27                   | 1,314.05                  |
|                    |                 |               |                |                |                             |                           |
|                    |                 |               |                |                |                             |                           |
| 2,524              | 215             | 301           | 83             | 139            | 10,377                      | 158                       |
| 143                | 38              | 77            | 17             | 39             | 1,332                       | 13                        |
| 15                 | 2               | 8             |                | 1              | 265                         | 1                         |
| 2,682              | 255             | 386           | 100            | 179            | 11,974                      | 172                       |



## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | St. George | St. Jacobs | St. Marys  | St. Thomas |
|--|------------|------------|------------|------------|
| Population .....                                       | 611        | 724        | 3,912      | 19,807     |
| <b>EARNINGS</b>  | <b>\$</b>  | <b>\$</b>  | <b>\$</b>  | <b>\$</b>  |
| Domestic service.....                                  | 5,025.93   | 7,199.32   | 59,232.35  | 206,831.11 |
| Commercial light service.....                          | 3,642.74   | 3,176.93   | 22,339.76  | 91,347.52  |
| Commercial power service.....                          | 3,902.68   | 4,666.54   | 33,400.42  | 127,928.05 |
| Municipal power.....                                   |            |            | 1,796.25   | 5,700.99   |
| Street lighting.....                                   | 847.98     | 460.00     | 5,734.00   | 16,711.20  |
| Merchandise.....                                       |            |            |            |            |
| Miscellaneous.....                                     | 208.78     | 317.56     | 445.82     | 2,652.06   |
| Total earnings.....                                    | 13,628.11  | 15,820.35  | 122,948.60 | 451,170.93 |
| <b>EXPENSES</b>  |            |            |            |            |
| Power purchased.....                                   | 6,696.23   | 11,417.11  | 74,873.46  | 307,974.23 |
| Substation operation.....                              |            |            | 1,728.39   | 16,415.55  |
| Substation maintenance.....                            |            |            | 44.73      | 1,360.63   |
| Distribution system, operation and maintenance.....    | 211.18     | 93.72      | 3,844.35   | 25,393.25  |
| Line transformer maintenance.....                      | 47.87      | 85.05      | 493.15     | 3,306.80   |
| Meter maintenance.....                                 | 315.84     | 29.05      | 762.67     | 6,270.47   |
| Consumers' premises expenses.....                      |            |            | 6,354.95   | 21,604.09  |
| Street lighting, operation and maintenance.....        | 205.40     | 81.17      | 1,669.03   | 4,805.23   |
| Promotion of business.....                             |            |            | 83.14      | 667.21     |
| Billing and collecting.....                            | 751.00     | 893.43     | 3,198.32   | 14,040.58  |
| General office, salaries and expenses..                | 341.78     | 256.65     | 4,577.42   | 17,404.96  |
| Undistributed expenses.....                            | 52.85      | 3.14       | 1,825.76   |            |
| Truck operation and maintenance.....                   |            |            |            |            |
| Interest.....  | 1.56       |            | 1,386.49   | 54.61      |
| Sinking fund and principal payments on debentures..... |            |            | 3,308.19   |            |
| Depreciation.....                                      | 537.00     | 704.00     | 4,868.00   | 15,834.70  |
| Other reserves.....                                    |            |            |            |            |
| Total operating costs and fixed charges.....           | 9,160.71   | 13,563.32  | 109,018.05 | 435,132.31 |
| Net surplus.....                                       | 4,467.40   | 2,257.03   | 13,930.55  | 16,038.62  |
| Net loss.....  |            |            |            |            |
| <b>NUMBER OF CUSTOMERS</b>                             |            |            |            |            |
| Domestic service.....                                  | 194        | 170        | 1,196      | 5,291      |
| Commercial light service.....                          | 45         | 39         | 209        | 665        |
| Power service.....                                     | 4          | 8          | 42         | 100        |
| Total.....   | 243        | 217        | 1,447      | 6,056      |

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Sarnia<br>23,550 | Scarborough<br>Twp. (V.A.) | Seaforth<br>2,072 | Shelburne<br>1,257 | Simcoe<br>7,078 | Smiths Falls<br>8,358 |
|------------------|----------------------------|-------------------|--------------------|-----------------|-----------------------|
| \$               | \$                         | \$                | \$                 | \$              | \$                    |
| 227,012.78       | 417,471.17                 | 24,935.43         | 10,858.02          | 46,366.82       | 93,315.41             |
| 120,573.18       | 111,457.57                 | 16,478.91         | 6,916.91           | 48,782.21       | 46,587.46             |
| 344,776.76       | 96,938.23                  | 19,521.87         | 4,259.67           | 40,648.64       | 39,413.91             |
| 8,071.28         | 25,795.61                  | 768.49            | 217.52             | 3,237.71        | 884.71                |
| 24,640.61        | 20,925.16                  | 3,165.20          | 1,197.00           | 8,654.25        | 9,250.08              |
| 16,687.24        |                            |                   |                    | 240.46          |                       |
| 13,649.71        | 2,396.30                   | 560.28            | 292.81             | 4,801.20        | 2,306.74              |
| 755,411.56       | 674,984.04                 | 65,430.18         | 23,741.93          | 152,731.29      | 191,758.31            |
| 514,410.92       | 428,553.42                 | 39,249.80         | 12,205.90          | 100,974.70      | 124,273.39            |
| 21,582.12        |                            | 250.50            |                    | 952.07          | 454.26                |
| 1,980.95         | 1,901.18                   |                   |                    |                 | 1,309.10              |
| 21,612.49        | 27,976.50                  | 2,729.17          | 625.92             | 10,432.21       | 11,144.24             |
| 3,264.40         | 5,469.91                   | 446.37            |                    | 1,079.31        | 369.01                |
| 10,373.34        | 532.17                     | 461.19            | 228.04             | 2,655.64        | 1,312.98              |
| 36,527.25        | 8,773.47                   | 516.83            |                    | 1,445.29        | 937.20                |
| 8,066.26         | 7,280.54                   | 740.36            | 333.29             | 2,125.06        | 2,364.57              |
| 579.17           |                            | 193.89            |                    | 107.28          |                       |
| 16,790.57        | 23,087.50                  | 1,527.50          | 1,047.48           | 4,544.38        | 6,377.07              |
| 31,503.64        | 20,418.79                  | 1,880.12          | 410.85             | 4,101.64        | 7,482.95              |
| 14,612.86        |                            | 851.50            | 4.75               | 996.84          | 1,883.98              |
| 5,046.57         |                            | 1,615.68          |                    | 2,102.15        | 3,297.11              |
| 3,105.37         | 9,481.87                   | 378.71            | 12.75              | 94.49           | 10.48                 |
| 4,000.00         | 7,000.00                   | 659.36            |                    | 873.39          |                       |
| 36,128.00        | 36,006.00                  | 2,826.00          | 1,273.00           | 9,103.00        | 6,672.00              |
|                  | 1,565.00                   |                   |                    |                 |                       |
| 729,583.91       | 578,046.35                 | 54,326.98         | 16,141.98          | 141,587.45      | 167,888.34            |
| 25,827.65        | 96,937.69                  | 11,103.20         | 7,599.95           | 11,143.84       | 23,869.97             |
| 6,369            | 11,849                     | 637               | 372                | 2,008           | 2,372                 |
| 800              | 939                        | 123               | 98                 | 457             | 345                   |
| 109              | 136                        | 23                | 13                 | 70              | 47                    |
| 7,278            | 12,924                     | 783               | 483                | 2,535           | 2,764                 |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Smithville | Southamp-<br>ton | Springfield | Stamford<br>Twp. |
|---|------------|------------------|-------------|------------------|
| Population.....   | 631        | 1,724            | 494         | 15,633           |
| <b>EARNINGS</b>   | <b>\$</b>  | <b>\$</b>        | <b>\$</b>   | <b>\$</b>        |
| Domestic service.....                                     | 5,460.51   | 19,819.72        | 3,778.84    | 161,287.23       |
| Commercial light service.....                             | 4,384.32   | 9,367.64         | 1,517.84    | 38,916.82        |
| Commercial power service.....                             | 12,178.30  | 12,624.59        | 1,680.69    | 33,371.02        |
| Municipal power.....                                      | .....      | 1,029.50         | .....       | 2,698.71         |
| Street lighting.....                                      | 1,637.00   | 3,414.71         | 611.50      | 12,173.92        |
| Merchandise.....  | .....      | .....            | .....       | 8,720.67         |
| Miscellaneous.....  | 483.67     | 238.29           | 173.38      | 214.43           |
| Total earnings.....                                       | 24,143.80  | 46,494.45        | 7,762.25    | 257,382.80       |
| <b>EXPENSES</b>   |            |                  |             |                  |
| Power purchased.....                                      | 13,727.40  | 26,309.18        | 4,364.84    | 131,933.94       |
| Substation operation.....                                 | .....      | .....            | .....       | 1,480.06         |
| Substation maintenance.....                               | .....      | .....            | .....       | .....            |
| Distribution system, operation and<br>maintenance.....    | 2,016.58   | 2,128.91         | 504.25      | 14,464.82        |
| Line transformer maintenance.....                         | 28.18      | 61.10            | 17.92       | 1,772.54         |
| Meter maintenance.....                                    | 148.28     | 638.40           | 13.83       | 4,467.55         |
| Consumers' premises expenses.....                         | .....      | 432.11           | .....       | 5,035.12         |
| Street lighting, operation and main-<br>tenance.....      | 185.61     | 570.64           | 179.01      | 2,967.63         |
| Promotion of business.....                                | .....      | .....            | .....       | .....            |
| Billing and collecting.....                               | 1,315.82   | 1,279.77         | 490.30      | 8,827.39         |
| General office, salaries and expenses..                   | 673.77     | 783.57           | 342.68      | 8,663.11         |
| Undistributed expenses.....                               | 124.92     | 159.31           | 6.62        | 8,712.98         |
| Truck operation and maintenance.....                      | 448.34     | 762.63           | .....       | 6,844.79         |
| Interest.....   | 40.30      | .....            | .....       | 4,883.50         |
| Sinking fund and principal payments<br>on debentures..... | 1,007.67   | .....            | .....       | 10,102.68        |
| Depreciation.....   | 850.00     | 1,984.00         | 717.00      | 18,426.00        |
| Other reserves.....                                       | .....      | .....            | .....       | .....            |
| Total operating costs and<br>fixed charges.....           | 20,566.87  | 35,109.62        | 6,636.45    | 228,582.11       |
| Net surplus.....  | 3,576.93   | 11,384.83        | 1,125.80    | 28,800.69        |
| Net loss.....   | .....      | .....            | .....       | .....            |
| <b>NUMBER OF CUSTOMERS</b>                                |            |                  |             |                  |
| Domestic service.....                                     | 210        | 736              | 131         | 4,109            |
| Commercial light service.....                             | 67         | 91               | 32          | 284              |
| Power service.....  | 10         | 14               | 4           | 33               |
| Total.....  | 287        | 841              | 167         | 4,426            |



## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Stayner<br>1,252 | Stirling<br>1,151 | Stoney Creek<br>1,703 | Stouffville<br>1,664 | Stratford<br>18,836 | Strathroy<br>3,581 |
|------------------|-------------------|-----------------------|----------------------|---------------------|--------------------|
| \$               | \$                | \$                    | \$                   | \$                  | \$                 |
| 12,105.79        | 12,824.99         | 23,733.61             | 14,884.71            | 213,190.12          | 42,611.29          |
| 6,502.41         | 5,607.38          | 9,616.49              | 8,486.56             | 73,077.15           | 22,544.92          |
| 4,328.48         | 2,605.99          | 3,040.33              | 7,344.29             | 82,445.06           | 21,574.48          |
| 94.21            | 306.72            | 1,005.72              | .....                | 10,380.47           | 1,508.08           |
| 1,649.07         | 1,812.96          | 1,075.94              | 1,646.00             | 17,691.54           | 5,112.71           |
| .....            | 119.84            | .....                 | .....                | 2,098.01            | .....              |
| 403.33           | 456.46            | .....                 | 234.46               | 16,881.79           | 764.38             |
| 25,083.29        | 23,734.34         | 38,472.09             | 32,596.02            | 415,764.14          | 94,115.86          |
| 11,619.46        | 14,186.72         | 22,896.82             | 19,431.42            | 289,826.40          | 61,705.72          |
| .....            | 326.76            | .....                 | .....                | 10,172.30           | 1,134.08           |
| .....            | .....             | .....                 | .....                | 1,873.16            | .....              |
| 892.63           | 2,099.01          | 639.15                | 1,170.14             | 13,657.23           | 5,654.18           |
| 125.83           | .....             | 32.04                 | 75.34                | 417.67              | 541.10             |
| 592.85           | 79.14             | 406.63                | 173.55               | 5,549.60            | 656.01             |
| 621.34           | 11.18             | 377.07                | 212.20               | 8,722.33            | 279.11             |
| 380.59           | 342.13            | 228.23                | 201.47               | 3,957.25            | 2,329.32           |
| .....            | .....             | .....                 | .....                | 1,210.60            | 307.32             |
| 1,525.15         | 1,097.21          | 1,474.45              | 1,322.44             | 13,903.58           | 1,824.94           |
| 791.60           | 2,064.65          | 68.29                 | 452.61               | 14,200.90           | 4,888.83           |
| 6.52             | 170.17            | 11.59                 | .....                | 4,720.71            | 1,103.67           |
| .....            | 229.75            | .....                 | .....                | 3,079.98            | 578.39             |
| .....            | .....             | 1,350.50              | .....                | 2,650.00            | 149.20             |
| .....            | .....             | 1,463.95              | .....                | 900.00              | 1,455.65           |
| 982.00           | 1,405.00          | 1,515.00              | 1,055.00             | 22,124.00           | 3,823.00           |
| .....            | .....             | .....                 | .....                | .....               | .....              |
| 17,537.97        | 22,011.72         | 30,463.72             | 24,094.17            | 396,965.71          | 86,430.52          |
| 7,545.32         | 1,722.62          | 8,008.37              | 8,501.85             | 18,798.43           | 7,685.34           |
| .....            | .....             | .....                 | .....                | .....               | .....              |
| 372              | 340               | 515                   | 507                  | 5,168               | 1,106              |
| 101              | 85                | 89                    | 112                  | 685                 | 219                |
| 19               | 15                | 10                    | 10                   | 141                 | 39                 |
| 492              | 440               | 614                   | 629                  | 5,994               | 1,364              |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Streetsville | Sunderland | Sutton    | Swansea    |
|--|--------------|------------|-----------|------------|
| Population.....  | 1,020        | 492        | 1,208     | 7,864      |
| <b>EARNINGS</b>  | <b>\$</b>    | <b>\$</b>  | <b>\$</b> | <b>\$</b>  |
| Domestic service.....                                  | 13,111.75    | 5,589.04   | 14,868.88 | 112,994.68 |
| Commercial light service.....                          | 5,354.71     | 3,067.43   | 10,927.06 | 23,735.94  |
| Commercial power service.....                          | 15,625.42    | 3,089.72   | 3,718.32  | 31,238.41  |
| Municipal power.....                                   | 448.60       |            |           | 2,258.10   |
| Street lighting.....                                   | 1,565.62     | 835.98     | 2,506.00  | 8,235.65   |
| Merchandise.....                                       |              |            |           |            |
| Miscellaneous.....                                     | 175.06       | 37.42      | 275.20    | 381.54     |
| Total earnings.....                                    | 36,281.16    | 12,619.59  | 32,295.46 | 178,844.32 |
| <b>EXPENSES</b>  |              |            |           |            |
| Power purchased.....                                   | 23,004.83    | 5,493.59   | 17,060.87 | 111,712.24 |
| Substation operation.....                              |              |            |           |            |
| Substation maintenance.....                            | 2,421.11     |            |           | 628.50     |
| Distribution system, operation and maintenance.....    | 1,057.04     | 654.66     | 947.83    | 3,662.37   |
| Line transformer maintenance.....                      | 358.41       |            | 141.88    | 131.82     |
| Meter maintenance.....                                 | 90.47        | 353.12     | 32.82     | 1,172.49   |
| Consumers' premises expenses.....                      | .15          |            | 10.78     | 10,177.15  |
| Street lighting, operation and maintenance.....        | 456.72       | 149.36     | 236.94    | 1,380.22   |
| Promotion of business.....                             |              |            |           |            |
| Billing and collecting.....                            | 1,346.33     | 709.28     | 1,594.16  | 7,890.40   |
| General office, salaries and expenses..                | 964.73       | 130.01     | 369.04    | 2,370.67   |
| Undistributed expenses.....                            |              | 7.52       |           |            |
| Truck operation and maintenance.....                   |              |            |           |            |
| Interest.....  |              |            |           | 663.59     |
| Sinking fund and principal payments on debentures..... |              |            |           | 3,513.78   |
| Depreciation.....                                      | 1,481.00     | 319.00     | 1,792.00  | 4,837.00   |
| Other reserves.....                                    | 86.00        |            |           | 100.00     |
| Total operating costs and fixed charges.....           | 31,266.79    | 7,816.54   | 22,186.32 | 148,240.23 |
| Net surplus.....                                       | 5,014.37     | 4,803.05   | 10,109.14 | 30,604.09  |
| Net loss.....  |              |            |           |            |
| <b>NUMBER OF CUSTOMERS</b>                             |              |            |           |            |
| Domestic service.....                                  | 286          | 182        | 576       | 2,405      |
| Commercial light service.....                          | 60           | 43         | 131       | 135        |
| Power service.....                                     | 13           | 2          | 10        | 28         |
| Total.....   | 359          | 227        | 717       | 2,568      |

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Tara<br>477 | Tavistock<br>1,057 | Tecumseh<br>3,335 | Teeswater<br>870 | Thamesford<br>539 | Thamesville<br>886 | Thedford<br>600 |
|-------------|--------------------|-------------------|------------------|-------------------|--------------------|-----------------|
| \$          | \$                 | \$                | \$               | \$                | \$                 | \$              |
| 5,250.60    | 12,891.40          | 27,057.95         | 7,569.21         | 8,332.15          | 6,064.56           | 5,852.01        |
| 2,876.35    | 6,649.92           | 9,207.46          | 4,144.02         | 3,433.85          | 5,197.22           | 4,740.03        |
| 1,917.13    | 8,659.61           | 9,256.21          | 5,540.96         | 2,270.05          | 4,861.00           | 2,889.29        |
| 136.51      | 418.87             | 639.26            | 376.05           |                   | 164.92             |                 |
| 1,072.00    | 1,368.00           | 1,728.96          | 1,008.00         | 686.00            | 1,454.43           | 1,275.00        |
|             | 29.54              |                   |                  |                   |                    |                 |
| 22.91       | 468.51             | 547.34            | 408.43           | 93.78             | 350.69             | 308.10          |
| 11,275.50   | 30,485.85          | 48,437.18         | 19,046.67        | 14,815.83         | 18,092.82          | 15,064.43       |
| 6,182.49    | 24,508.47          | 25,185.63         | 8,663.54         | 9,939.39          | 13,206.77          | 9,029.97        |
| 341.02      | 789.28             | 1,841.49          | 646.45           | 259.66            | 1,239.27           | 658.19          |
|             | 222.14             | 243.99            |                  | 6.89              | 64.50              | 102.20          |
| 137.35      | 311.97             | 571.61            | 145.73           | 19.46             | 299.02             | 136.53          |
|             | 688.86             | 1,632.16          |                  | 371.65            |                    |                 |
| 123.81      | 222.96             | 238.38            | 125.10           | 108.57            | 278.41             | 215.29          |
|             |                    | 57.96             |                  |                   |                    |                 |
| 325.00      | 1,413.89           | 1,356.22          | 753.07           | 361.67            | 901.69             | 623.20          |
| 140.21      | 626.25             | 2,528.12          | 418.05           | 98.47             | 444.97             | 297.09          |
| 15.05       | 32.21              | 230.84            |                  | 8.43              | 16.68              | 41.15           |
|             |                    | 779.51            |                  |                   | 485.03             |                 |
| 26.25       | 7.30               |                   | 1.28             |                   |                    | 17.06           |
| 718.00      | 931.00             | 2,998.00          | 1,365.00         | 474.00            | 883.00             | 817.00          |
| 8,009.18    | 29,754.33          | 37,663.91         | 12,118.22        | 11,648.19         | 17,819.34          | 11,937.68       |
| 3,266.32    | 731.52             | 10,773.27         | 6,928.45         | 3,167.64          | 273.48             | 3,126.75        |
| 181         | 337                | 934               | 264              | 173               | 299                | 193             |
| 46          | 103                | 89                | 64               | 45                | 93                 | 63              |
| 8           | 10                 | 8                 | 12               | 5                 | 10                 | 5               |
| 235         | 450                | 1,031             | 340              | 223               | 402                | 261             |



## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Thornbury | Thorndale | Thornton  | Thorold    |
|--|-----------|-----------|-----------|------------|
| Population.....  | 975       | 263       | 183       | 6,389      |
| <b>EARNINGS</b>  | <b>\$</b> | <b>\$</b> | <b>\$</b> | <b>\$</b>  |
| Domestic service.....                                  | 9,721.63  | 3,917.59  | 1,941.32  | 40,271.44  |
| Commercial light service.....                          | 4,954.06  | 1,338.32  | 734.42    | 15,408.20  |
| Commercial power service.....                          | 3,718.05  | 2,752.65  | 249.38    | 78,455.97  |
| Municipal power.....                                   | 424.96    |           |           | 5,204.14   |
| Street lighting.....                                   | 1,913.70  | 404.50    | 25.00     | 4,715.19   |
| Merchandise.....                                       | 10.48     |           |           |            |
| Miscellaneous.....                                     |           | 53.26     | 13.90     | 362.10     |
| Total earnings.....                                    | 20,742.88 | 8,466.32  | 2,964.02  | 144,417.04 |
| <b>EXPENSES</b>  |           |           |           |            |
| Power purchased.....                                   | 8,759.95  | 4,179.14  | 2,599.87  | 100,833.62 |
| Substation operation.....                              | 4,990.94  |           |           | 7,666.44   |
| Substation maintenance.....                            |           |           |           |            |
| Distribution system, operation and maintenance.....    | 644.09    | 80.89     | 199.96    | 5,018.60   |
| Line transformer maintenance.....                      |           |           |           | 152.55     |
| Meter maintenance.....                                 | 123.52    | 1.62      |           | 1,332.92   |
| Consumers' premises expenses.....                      |           | 3.78      |           | 84.19      |
| Street lighting, operation and maintenance.....        | 200.92    | 138.48    | 35.67     | 2,561.49   |
| Promotion of business.....                             |           |           |           |            |
| Billing and collecting.....                            | 815.40    | 221.09    | 110.28    | 3,662.60   |
| General office, salaries and expenses..                | 505.12    | 55.28     | 60.10     | 2,798.49   |
| Undistributed expenses.....                            | 336.39    | 14.10     | 12.44     | 1,782.46   |
| Truck operation and maintenance.....                   |           |           |           | 1,180.84   |
| Interest.....  | 257.00    |           |           |            |
| Sinking fund and principal payments on debentures..... | 265.58    |           |           |            |
| Depreciation.....                                      | 978.00    | 255.00    | 385.00    | 6,317.00   |
| Other reserves.....                                    |           |           |           |            |
| Total operating costs and fixed charges.....           | 17,876.91 | 4,949.38  | 3,403.32  | 133,391.20 |
| Net surplus.....                                       | 2,865.97  | 3,516.94  |           | 11,025.84  |
| Net loss.....  |           |           | 439.30    |            |
| <b>NUMBER OF CUSTOMERS</b>                             |           |           |           |            |
| Domestic service.....                                  | 330       | 92        | 74        | 1,585      |
| Commercial light service.....                          | 80        | 20        | 13        | 180        |
| Power service.....                                     | 14        | 3         | 2         | 34         |
| Total.....   | 424       | 115       | 89        | 1,799      |

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Tilbury<br>2,848 | Tillsonburg<br>4,991 | Toronto<br>667,487 | Toronto<br>Twp. (V.A.)<br>..... | Tottenham<br>594 | Trafalgar<br>Twp. (V.A.)<br>..... |
|------------------|----------------------|--------------------|---------------------------------|------------------|-----------------------------------|
| \$               | \$                   | \$                 | \$                              | \$               | \$                                |
| 18,218.32        | 40,099.83            | 6,015,857.23       | 276,356.10                      | 6,563.29         | 59,263.70                         |
| 13,251.87        | 35,554.60            | 4,488,370.42       | 51,050.45                       | 2,736.02         | 8,801.74                          |
| 29,477.52        | 31,856.67            | 6,523,869.22       | 103,132.69                      | 1,596.33         | 7,810.19                          |
| 254.03           | 2,173.40             | 1,878,089.52       | 579.52                          | 491.01           | .....                             |
| 5,009.47         | 5,868.12             | 551,730.40         | 9,755.50                        | 1,037.16         | 145.00                            |
| .....            | .....                | 27,728.36          | .....                           | .....            | .....                             |
| 839.11           | 490.00               | 562,476.84         | 205.20                          | .....            | 354.96                            |
| 67,050.32        | 116,042.62           | 20,048,121.99      | 441,079.46                      | 12,423.81        | 76,375.59                         |
| 43,352.02        | 75,608.04            | *11,362,232.27     | 243,890.20                      | 7,433.85         | 42,389.92                         |
| .....            | 1,880.97             | 415,293.74         | .....                           | .....            | .....                             |
| .....            | .....                | 502,801.94         | .....                           | .....            | .....                             |
| 3,714.39         | 7,541.25             | 719,774.29         | 25,872.57                       | 992.62           | 11,606.08                         |
| 142.22           | 516.06               | 102,677.85         | 5,310.82                        | .....            | 1,159.33                          |
| 447.39           | 1,572.43             | 182,680.75         | 2,991.40                        | 145.36           | 1,099.30                          |
| .....            | 441.94               | 475,858.39         | 1,279.23                        | .....            | 183.04                            |
| 697.87           | 1,100.64             | 197,131.95         | 3,244.90                        | 123.09           | 65.73                             |
| 5.00             | 141.04               | 204,817.65         | .....                           | .....            | .....                             |
| 1,402.63         | 3,594.22             | 668,976.58         | 17,593.47                       | 580.00           | 2,907.80                          |
| 1,479.75         | 7,232.90             | 618,986.15         | 25,156.12                       | 396.93           | 1,805.93                          |
| 390.24           | 1,850.26             | 978,161.07         | .....                           | 48.81            | .....                             |
| 694.20           | 2,003.49             | .....              | .....                           | 296.11           | .....                             |
| 59.08            | 745.26               | 143,482.27         | 3,382.34                        | 277.74           | 1,343.84                          |
| .....            | 477.98               | 243,500.00         | 3,916.55                        | 553.80           | 1,116.48                          |
| 3,254.00         | 6,754.00             | 1,578,194.63       | 23,454.00                       | 727.00           | 4,090.00                          |
| .....            | .....                | †1,600,000.00      | 1,076.00                        | .....            | 200.00                            |
| 55,638.79        | 111,460.48           | 19,994,569.53      | 357,167.60                      | 11,575.31        | 67,967.45                         |
| 11,411.53        | 4,582.14             | 53,552.46          | 83,911.86                       | 848.50           | 8,408.14                          |
| .....            | .....                | .....              | .....                           | .....            | .....                             |
| 740              | 1,533                | 157,171            | 5,480                           | 191              | 1,023                             |
| 147              | 334                  | 26,832             | 417                             | 51               | 69                                |
| 22               | 47                   | 6,004              | 95                              | 9                | 17                                |
| 909              | 1,914                | 190,007            | 5,992                           | 251              | 1,109                             |

\*Includes 1950 power adjustment.

†Provision for frequency standardization.

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....                                      | Trenton    | Tweed     | Uxbridge  | Victoria Harbour 969 |
|--|------------|-----------|-----------|----------------------|
| Population.....  | 9,766      | 1,659     | 1,734     |                      |
|  |            |           |           |                      |
| <b>EARNINGS</b>  | <b>\$</b>  | <b>\$</b> | <b>\$</b> | <b>\$</b>            |
| Domestic service.....                                  | 81,464.40  | 14,525.62 | 19,410.92 | 6,743.26             |
| Commercial light service.....                          | 32,570.92  | 9,266.87  | 8,323.39  | 1,811.59             |
| Commercial power service.....                          | 98,969.44  | 11,408.10 | 6,544.15  |                      |
| Municipal power.....                                   | 7,642.93   | 501.67    | 531.42    | 306.17               |
| Street lighting.....                                   | 11,329.24  | 1,969.88  | 1,985.98  | 780.00               |
| Merchandise.....                                       |            |           | 48.28     |                      |
| Miscellaneous.....                                     | 3,803.63   | 423.49    | 354.41    | 57.21                |
| Total earnings.....                                    | 235,780.56 | 38,095.63 | 37,198.55 | 9,698.23             |
|  |            |           |           |                      |
| <b>EXPENSES</b>  |            |           |           |                      |
| Power purchased.....                                   | 191,815.80 | 19,744.61 | 18,134.99 | 4,589.96             |
| Substation operation.....                              |            |           |           |                      |
| Substation maintenance.....                            | 347.61     |           |           |                      |
| Distribution system, operation and maintenance.....    | 4,756.51   | 2,980.25  | 1,459.86  | 600.50               |
| Line transformer maintenance.....                      | 514.55     |           | 90.55     | 15.00                |
| Meter maintenance.....                                 | 4,362.98   | 864.35    | 295.06    | 115.30               |
| Consumers' premises expenses.....                      | 2,148.95   |           | 809.43    |                      |
| Street lighting, operation and maintenance.....        | 2,036.04   | 1,033.76  | 394.23    | 117.39               |
| Promotion of business.....                             |            |           |           |                      |
| Billing and collecting.....                            | 6,659.37   | 1,141.38  | 1,023.15  | 823.56               |
| General office, salaries and expenses..                | 6,870.46   | 605.07    | 925.41    | 614.34               |
| Undistributed expenses.....                            | 1,811.43   | 6.00      | 12.28     | 64.22                |
| Truck operation and maintenance.....                   | 2,419.50   |           |           |                      |
| Interest.....  |            |           |           |                      |
| Sinking fund and principal payments on debentures..... |            |           |           |                      |
| Depreciation.....                                      | 11,732.00  | 1,146.00  | 1,383.00  | 484.00               |
| Other reserves.....                                    |            |           |           |                      |
| Total operating costs and fixed charges.....           | 235,475.20 | 27,521.42 | 24,527.96 | 7,424.27             |
| Net surplus.....                                       | 305.36     | 10,574.21 | 12,670.59 | 2,273.96             |
| Net loss.....  |            |           |           |                      |
|  |            |           |           |                      |
| <b>NUMBER OF CUSTOMERS</b>                             |            |           |           |                      |
| Domestic service.....                                  | 2,537      | 408       | 543       | 336                  |
| Commercial light service.....                          | 324        | 110       | 119       | 35                   |
| Power service.....                                     | 64         | 21        | 16        | 1                    |
| Total.....   | 2,925      | 539       | 678       | 372                  |



## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Walkerton | Wallaceburg | Wardsville | Warkworth | Waterdown | Waterford |
|-----------|-------------|------------|-----------|-----------|-----------|
| 3,247     | 7,225       | 365        | 522       | 1,306     | 1,677     |
| \$        | \$          | \$         | \$        | \$        | \$        |
| 33,529.14 | 49,596.32   | 3,558.20   | 4,758.45  | 16,364.43 | 13,685.51 |
| 23,018.30 | 33,117.47   | 2,591.97   | 2,340.87  | 4,678.64  | 5,750.11  |
| 17,073.59 | 199,947.95  | 41.24      | 676.14    | 2,053.14  | 5,955.17  |
| 550.17    | 6,042.40    |            |           | 193.36    | 332.54    |
| 4,308.41  | 5,858.39    | 720.00     | 712.21    | 1,390.00  | 1,663.00  |
|           | 8,034.59    |            |           |           | .74       |
| 1,570.51  | 3,972.85    | 114.27     |           | 144.53    | 377.98    |
| 80,050.12 | 306,569.97  | 7,025.68   | 8,487.67  | 24,824.10 | 27,765.05 |
| 38,625.35 | 220,948.88  | 4,899.49   | 5,269.32  | 16,511.95 | 18,215.07 |
|           | 815.34      |            |           |           |           |
| 4,125.64  | 9,564.60    | 550.42     | 250.68    | 1,111.67  | 2,490.39  |
| 234.88    | 327.83      | 100.76     |           | 166.01    | 158.85    |
| 861.29    | 2,133.15    | 15.60      | 88.66     | 270.20    | 142.49    |
| 73.08     |             |            |           |           |           |
| 374.79    | 1,305.88    | 119.77     | 90.97     | 249.07    | 606.03    |
| 64.25     | 413.08      |            |           |           |           |
| 2,888.21  | 3,812.21    | 176.71     | 271.97    | 1,068.29  | 908.41    |
| 2,474.70  | 6,916.76    | 155.69     | 75.45     | 183.80    | 447.22    |
| 745.79    | 2,303.56    | 12.33      | 15.61     | 98.16     | 101.08    |
| 1,489.26  | 3,438.57    |            |           | 311.69    | 428.89    |
| 469.99    |             | 1.96       | 75.76     | 1.91      |           |
| 4,585.29  |             |            | 597.16    |           |           |
| 3,030.00  | 11,692.00   | 288.00     | 384.00    | 1,417.00  | 968.00    |
| 60,042.52 | 263,671.86  | 6,320.73   | 7,119.58  | 21,389.75 | 24,466.43 |
| 20,007.60 | 42,898.11   | 704.95     | 1,368.09  | 3,434.35  | 3,298.62  |
| 864       | 1,935       | 87         | 161       | 361       | 515       |
| 179       | 326         | 23         | 48        | 53        | 86        |
| 21        | 69          | 1          | 2         | 10        | 14        |
| 1,064     | 2,330       | 111        | 211       | 424       | 615       |

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....   | Waterloo   | Watford   | Waubau-<br>shene | Welland    |
|---|------------|-----------|------------------|------------|
| Population.....   | 11,465     | 1,131     | .....            | 15,729     |
| EARNINGS  | \$         | \$        | \$               | \$         |
| Domestic service.....                                     | 125,053.96 | 13,909.97 | 6,137.74         | 80,641.03  |
| Commercial light service.....                             | 49,424.24  | 8,187.19  | 1,770.44         | 69,460.43  |
| Commercial power service.....                             | 119,085.43 | 7,504.03  | 883.49           | 245,470.87 |
| Municipal power.....                                      | 4,811.83   | 475.22    | 175.58           | 4,601.42   |
| Street lighting.....                                      | 10,672.18  | 1,817.20  | 625.50           | 22,122.67  |
| Merchandise.....  | 61.46      | .....     | .....            | .....      |
| Miscellaneous.....  | 211.29     | 630.66    | 18.00            | 13,330.67  |
| Total earnings.....                                       | 309,320.39 | 32,524.27 | 9,610.75         | 435,627.09 |
| EXPENSES  |            |           |                  |            |
| Power purchased.....                                      | 240,550.90 | 22,962.88 | 5,070.54         | 329,818.15 |
| Substation operation.....                                 | 3,650.56   | .....     | .....            | 12,919.41  |
| Substation maintenance.....                               | 1,676.26   | .....     | .....            | 1,640.42   |
| Distribution system, operation and<br>maintenance.....    | 13,331.78  | 2,169.70  | 386.92           | 10,896.51  |
| Line transformer maintenance.....                         | 1,338.29   | 120.37    | 118.49           | 1,576.92   |
| Meter maintenance.....                                    | 2,977.03   | 339.24    | 204.63           | 11,396.64  |
| Consumers' premises expenses.....                         | .....      | 14.94     | .....            | 4,928.06   |
| Street lighting, operation and main-<br>tenance.....      | 1,645.89   | 203.56    | 180.70           | 2,559.57   |
| Promotion of business.....                                | .....      | 31.04     | .....            | 18.01      |
| Billing and collecting.....                               | 7,834.32   | 1,087.33  | 653.78           | 10,796.62  |
| General office, salaries and expenses..                   | 5,937.98   | 990.97    | 156.50           | 17,222.90  |
| Undistributed expenses.....                               | 3,527.24   | 131.03    | 61.30            | 9,647.56   |
| Truck operation and maintenance.....                      | 3,087.47   | 177.00    | .....            | 3,457.43   |
| Interest.....   | 59.18      | .....     | .....            | .....      |
| Sinking fund and principal payments<br>on debentures..... | .....      | .....     | .....            | .....      |
| Depreciation.....   | 10,934.00  | 874.00    | 592.00           | 25,428.00  |
| Other reserves.....                                       | .....      | .....     | .....            | .....      |
| Total operating costs and<br>fixed charges.....           | 296,550.90 | 29,102.06 | 7,424.86         | 442,306.20 |
| Net surplus.....  | 12,769.49  | 3,422.21  | 2,185.89         | .....      |
| Net loss.....   | .....      | .....     | .....            | 6,679.11   |
| NUMBER OF CUSTOMERS                                       |            |           |                  |            |
| Domestic service.....                                     | 3,024      | 350       | 301              | 3,614      |
| Commercial light service.....                             | 311        | 87        | 31               | 583        |
| Power service.....  | 86         | 9         | 3                | 103        |
| Total.....  | 3,421      | 446       | 335              | 4,300      |

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Wellesley<br>560 | Wellington<br>998 | West Lorne<br>995 | Weston<br>8,018 | Westport<br>720 | Wheatley<br>1,003 | Whitby<br>7,021 |
|------------------|-------------------|-------------------|-----------------|-----------------|-------------------|-----------------|
| \$               | \$                | \$                | \$              | \$              | \$                | \$              |
| 5,412.74         | 10,013.30         | 7,774.65          | 103,473.02      | 6,494.15        | 8,321.97          | 63,362.02       |
| 3,342.82         | 4,215.36          | 6,357.28          | 33,319.38       | 5,525.78        | 8,866.86          | 24,176.91       |
| 1,505.80         | 5,027.11          | 16,499.83         | 104,069.30      |                 | 6,213.16          | 27,645.20       |
|                  |                   |                   | 4,722.22        |                 | 869.34            | 4,091.07        |
| 861.82           | 1,147.07          | 1,368.92          | 10,030.20       | 1,120.08        | 2,104.00          | 6,295.39        |
|                  |                   |                   |                 |                 |                   | 1,155.86        |
| 195.90           | 339.76            | 2,187.23          |                 | 147.02          | 49.40             | 581.12          |
| 11,319.08        | 20,742.60         | 34,187.91         | 255,614.12      | 13,287.03       | 26,424.73         | 127,307.57      |
|                  |                   |                   |                 |                 |                   |                 |
| 7,103.43         | 11,171.70         | 21,829.14         | 178,595.22      | 8,191.17        | 15,530.21         | 67,451.70       |
|                  |                   |                   | 2,224.36        |                 |                   | 778.59          |
|                  |                   |                   |                 |                 |                   |                 |
| 366.55           | 902.38            | 1,179.28          | 22,274.71       | 792.26          | 1,709.23          | 6,468.09        |
| 49.75            | 73.75             |                   | 1,672.65        | 104.50          | 94.68             | 493.65          |
| 10.24            | 116.08            | 76.71             | 999.36          | 166.74          | 164.55            | 1,557.96        |
| 196.95           | 15.83             | 93.54             | 2,539.33        |                 | 237.02            | 2,384.78        |
|                  |                   |                   |                 |                 |                   |                 |
| 160.64           | 137.97            | 341.94            | 2,571.17        | 88.12           | 449.86            | 1,807.19        |
|                  |                   |                   |                 |                 |                   | 68.41           |
| 395.30           | 696.11            | 764.04            | 5,401.42        | 780.90          | 855.33            | 4,066.00        |
| 371.85           | 882.06            | 883.40            | 9,116.29        | 756.30          | 909.04            | 6,441.50        |
| 4.10             | 369.31            | 7.75              |                 | 41.85           | 31.90             | 2,347.09        |
|                  | 355.68            |                   |                 |                 |                   | 668.08          |
|                  |                   | 9.31              | 1,524.79        | 127.47          | 255.69            | 496.25          |
|                  |                   |                   | 500.00          | 1,127.73        |                   | 453.70          |
| 634.00           | 1,253.00          | 1 645.00          | 11,188.00       | 456.00          | 1,721.00          | 7,896.00        |
|                  |                   |                   | 300.00          |                 |                   |                 |
|                  |                   |                   |                 |                 |                   |                 |
| 9,292.81         | 15,973.87         | 26,830.11         | 238,907.30      | 12,633.04       | 21,958.51         | 103,378.99      |
| 2,026.27         | 4,768.73          | 7,357.80          | 16,706.82       | 653.99          | 4,466.22          | 23,928.58       |
|                  |                   |                   |                 |                 |                   |                 |
|                  |                   |                   |                 |                 |                   |                 |
| 159              | 390               | 288               | 2,175           | 182             | 297               | 1,365           |
| 54               | 77                | 77                | 243             | 64              | 89                | 202             |
| 7                | 11                | 14                | 50              |                 | 13                | 35              |
| 220              | 478               | 379               | 2,468           | 246             | 399               | 1,602           |



## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Continued

| Municipality.....  | Warton    | Williams-<br>burg<br>300 | Winchester | Windermere |
|--|-----------|--------------------------|------------|------------|
| Population .....   | 1,983     |                          | 1,152      | 135        |
| <b>EARNINGS</b>  | <b>\$</b> | <b>\$</b>                | <b>\$</b>  | <b>\$</b>  |
| Domestic service .....                                     | 14,432.35 | 2,417.10                 | 11,305.92  | 3,238.88   |
| Commercial light service .....                             | 12,563.23 | 2,339.93                 | 8,904.51   | 1,900.22   |
| Commercial power service .....                             | 12,726.49 | 224.51                   | 6,641.16   | 1,198.04   |
| Municipal power .....                                      | 2,168.85  |                          |            |            |
| Street lighting .....                                      | 2,385.55  | 505.00                   | 1,434.00   | 325.00     |
| Merchandise .....  |           |                          |            |            |
| Miscellaneous .....  | 559.08    | 639.34                   | 340.37     | 71.05      |
| Total earnings .....                                       | 44,835.55 | 6,125.88                 | 28,625.96  | 6,733.19   |
| <b>EXPENSES</b>  |           |                          |            |            |
| Power purchased .....                                      | 20,537.09 | 3,591.29                 | 20,736.51  | 3,817.10   |
| Substation operation .....                                 |           |                          |            |            |
| Substation maintenance .....                               |           |                          |            |            |
| Distribution system, operation and<br>maintenance .....    | 2,799.39  | 239.89                   | 1,514.75   | 380.79     |
| Line transformer maintenance .....                         | 163.21    |                          | 33.59      |            |
| Meter maintenance .....                                    | 458.30    | 160.55                   | 126.73     | 63.35      |
| Consumers' premises expenses .....                         | 238.53    | 29.95                    | 93.00      |            |
| Street lighting, operation and main-<br>tenance .....      | 407.88    | 98.87                    | 268.01     | 46.88      |
| Promotion of business .....                                |           |                          |            |            |
| Billing and collecting .....                               | 1,004.53  | 531.96                   | 1,225.39   | 219.60     |
| General office, salaries and expenses ..                   | 1,509.24  | 203.15                   | 417.10     | 87.27      |
| Undistributed expenses .....                               | 484.10    |                          |            | 3.49       |
| Truck operation and maintenance .....                      | 602.84    |                          |            |            |
| Interest .....   | 408.58    |                          |            | 80.38      |
| Sinking fund and principal payments<br>on debentures ..... | 2,592.49  |                          |            | 939.78     |
| Depreciation .....   | 1,579.00  | 463.00                   | 763.00     | 364.00     |
| Other reserves .....                                       |           |                          |            |            |
| Total operating costs and<br>fixed charges .....           | 32,785.18 | 5,318.66                 | 25,178.08  | 6,002.64   |
| Net surplus .....  | 12,050.37 | 807.22                   | 3,447.88   | 730.55     |
| Net loss .....   |           |                          |            |            |
| <b>NUMBER OF CUSTOMERS</b>                                 |           |                          |            |            |
| Domestic service .....                                     | 542       | 95                       | 351        | 85         |
| Commercial light service .....                             | 128       | 37                       | 94         | 14         |
| Power service .....  | 22        | 1                        | 4          | 2          |
| Total .....  | 692       | 133                      | 449        | 101        |

## "B"—Continued

## Utilities for Year Ended December 31, 1950

| Windsor       | Wingham   | Woodbridge | Woodstock  | Woodville | Wyoming  |
|---------------|-----------|------------|------------|-----------|----------|
| 121,011       | 2,611     | 1,592      | 14,710     | 375       | 648      |
| \$            | \$        | \$         | \$         | \$        | \$       |
| 1,098,079.16  | 31,992.35 | 17,097.33  | 166,606.51 | 3,734.15  | 4,601.19 |
| 644,827.71    | 18,986.17 | 7,301.76   | 90,773.64  | 1,689.86  | 2,377.14 |
| 1,109,855.36  | 23,234.34 | 29,101.03  | 154,071.82 | 650.46    | 1,190.88 |
| 31,386.83     | 2,061.01  | 2,150.85   | 9,006.61   |           |          |
| 139,625.90    | 3,737.08  | 1,362.00   | 11,830.90  | 745.99    | 688.50   |
| 51,788.43     | 1,111.11  |            |            |           |          |
| 35,992.62     | 677.68    | 385.82     | 1,323.43   | 189.05    | 85.04    |
| 3,111,556.01  | 81,799.74 | 57,398.79  | 433,612.91 | 7,009.51  | 8,942.75 |
| *1,884,198.11 | 33,306.36 | 48,587.03  | 294,082.26 | 2,848.17  | 5,600.56 |
| 79,454.12     | 4,274.19  |            | 15,491.25  |           |          |
| 31,232.68     |           |            |            |           |          |
| 109,495.48    | 3,785.08  | 2,947.19   | 18,577.22  | 733.75    | 141.39   |
| 14,497.40     | 328.82    | 119.01     | 319.73     |           | 30.87    |
| 33,931.88     | 825.34    | 496.81     | 6,361.20   | 226.90    | 10.56    |
| 113,961.21    | 3,322.92  | 32.98      | 12,194.64  | 74.04     |          |
| 65,412.95     | 538.17    | 252.80     | 2,866.68   | 156.29    | 189.55   |
| 9,669.00      |           |            | 647.50     |           |          |
| 101,472.51    | 2,909.92  | 1,573.12   | 8,485.58   | 556.72    | 278.16   |
| 73,124.18     | 4,087.73  | 857.76     | 8,995.77   | 148.65    | 218.12   |
| 8,727.66      | 466.91    |            | 3,844.96   | 1.45      | 6.50     |
| 24,527.34     | 2,005.81  |            | 2,442.55   |           |          |
| 15,286.09     | 437.49    |            | 220.93     |           | 11.55    |
|               | 2,700.61  |            |            |           |          |
| 218,024.00    | 5,006.00  | 997.00     | 13,578.00  | 209.00    | 480.00   |
| 2,783,014.61  | 63,995.35 | 55,863.70  | 388,108.27 | 4,954.97  | 6,967.26 |
| 328,541.40    | 17,804.39 | 1,535.09   | 45,504.64  | 2,054.54  | 1,975.49 |
| 29,565        | 737       | 409        | 4,175      | 133       | 202      |
| 3,915         | 157       | 73         | 560        | 24        | 52       |
| 621           | 27        | 10         | 125        | 2         | 4        |
| 34,101        | 921       | 492        | 4,860      | 169       | 258      |

\*Includes 1950 cost adjustment.

## STATEMENT

## Operating Reports of Municipal Electrical

## SOUTHERN ONTARIO SYSTEM—Concluded

## THUNDER

| Municipality.....   | York Twp.    | Zurich    | SOUTHERN<br>ONTARIO<br>SYSTEM<br>SUMMARY | Fort<br>William<br>34,409 |
|---|--------------|-----------|--|---------------------------|
| Population.....   | 95,669       | 572       |  |                           |
| <b>EARNINGS</b>   | <b>\$</b>    | <b>\$</b> | <b>\$</b>                                | <b>\$</b>                 |
| Domestic service.....                                     | 871,508.94   | 6,689.56  | 26,486,590.15                            | 450,333.56                |
| Commercial light service.....                             | 180,037.81   | 5,034.35  | 13,927,481.70                            | 193,412.96                |
| Commercial power service.....                             | 285,774.75   | 245.86    | 22,939,736.93                            | 374,020.61                |
| Municipal power.....                                      | 8,115.43     | 140.97    | 2,835,821.75                             | 16,078.77                 |
| Street lighting.....                                      | 54,804.72    | 735.00    | 2,423,583.57                             | 31,239.70                 |
| Merchandise.....  |              |           | 214,826.44                               |                           |
| Miscellaneous.....  | 6,689.66     | 177.67    | 1,177,063.82                             | 16,449.30                 |
| Total earnings.....                                       | 1,406,931.31 | 13,023.41 | 70,005,104.36                            | 1,081,534.90              |
| <b>EXPENSES</b>   |              |           |  |                           |
| Power purchased.....                                      | 876,806.07   | 8,663.62  | 44,068,436.35                            | 723,857.03                |
| Substation operation.....                                 | 7,570.87     |           | 1,353,357.23                             | 28,187.14                 |
| Substation maintenance.....                               | 6,413.95     |           | 658,871.80                               | 5,656.09                  |
| Distribution system, operation and<br>maintenance.....    | 37,004.19    | 670.62    | 2,563,258.44                             | 20,462.67                 |
| Line transformer maintenance.....                         | 15,266.19    | 34.73     | 323,709.24                               | 4,233.13                  |
| Meter maintenance.....                                    | 23,763.20    | 16.91     | 708,358.47                               | 13,426.33                 |
| Consumers' premises expenses.....                         | 36,878.32    |           | 1,211,019.94                             | 14,710.58                 |
| Street lighting, operation and main-<br>tenance.....      | 16,788.22    | 268.56    | 670,014.12                               | 9,084.87                  |
| Promotion of business.....                                |              |           | 274,750.37                               | 472.61                    |
| Billing and collecting.....                               | 94,583.71    | 446.99    | 2,233,837.73                             | 36,579.27                 |
| General office, salaries and expenses..                   | 58,376.00    | 377.42    | 2,056,670.94                             | 21,480.15                 |
| Undistributed expenses.....                               |              | 27.39     | 1,308,669.39                             | 2,204.77                  |
| Truck operation and maintenance.....                      |              |           | 259,409.84                               | 661.58                    |
| Interest.....   |              |           | 462,750.69                               | 28,387.11                 |
| Sinking fund and principal payments<br>on debentures..... |              |           | 958,864.33                               | 5,254.84                  |
| Depreciation.....   | 56,377.00    | 655.00    | 3,907,668.16                             | 37,835.00                 |
| Other reserves.....                                       | *103,363.59  |           | 1,765,378.03                             | 1,000.00                  |
| Total operating costs and<br>fixed charges.....           | 1,333,191.31 | 11,161.24 | 64,785,025.07                            | 953,493.17                |
| Net surplus.....  | 73,740.00    | 1,862.17  | 5,220,079.29                             | 128,041.73                |
| Net loss.....   |              |           |  |                           |
| <b>NUMBER OF CUSTOMERS</b>                                |              |           |  |                           |
| Domestic service.....                                     | 26,089       | 191       | 709,528                                  | 9,475                     |
| Commercial light service.....                             | 1,645        | 51        | 98,954                                   | 1,382                     |
| Power service.....  | 303          | 2         | 17,737                                   | 197                       |
| Total.....  | 28,037       | 244       | 826,219                                  | 11,054                    |

\* \$100,000.00 provision for frequency standardization.



## "B"—Continued

## Utilities for Year Ended December 31, 1950

## BAY SYSTEM

| Nipigon<br>Twp. (V.A.) | Port Arthur<br>31,842 | Red Rock<br>Imp. Dist.<br>1,411 | Schreiber<br>Twp.<br>1,849 | Terrace Bay<br>Imp. Dist.<br>1,270 | THUNDER<br>BAY<br>SYSTEM<br>SUMMARY |
|------------------------|-----------------------|---------------------------------|----------------------------|------------------------------------|-------------------------------------|
| \$                     | \$                    | \$                              | \$                         | \$                                 | \$                                  |
| 14,367.26              | 357,765.95            | 10,338.10                       | 23,371.86                  | 22,501.47                          | 878,678.20                          |
| 14,825.69              | 188,569.16            | 8,363.87                        | 12,083.22                  | 9,128.00                           | 426,382.90                          |
| 1,326.02               | 398,382.69            | 103.09                          | 3,380.49                   | 7,010.30                           | 784,223.20                          |
| 548.04                 | 34,269.50             | 542.22                          |                            |                                    | 51,438.53                           |
| 1,151.00               | 35,120.25             | 927.00                          | 1,758.66                   | 1,297.92                           | 71,494.53                           |
| 600.59                 | 19,235.63             |                                 |                            | 155.66                             | 36,441.18                           |
| 32,818.60              | 1,033,343.18          | 20,274.28                       | 40,594.23                  | 40,093.35                          | 2,248,658.54                        |
| 13,783.90              | 739,677.32            | 8,570.08                        | 12,100.48                  | 23,595.28                          | 1,521,584.09                        |
|                        | 40,170.15             |                                 |                            |                                    | 68,357.29                           |
|                        | 13,285.38             |                                 |                            |                                    | 18,941.47                           |
| 3,815.30               | 36,099.33             | 815.17                          | 2,638.29                   | 246.83                             | 64,077.59                           |
| 230.71                 | 3,289.69              | 4.16                            | 4.00                       | 11.29                              | 7,772.98                            |
| 466.27                 | 15,072.85             | 16.33                           | 390.27                     | 65.23                              | 29,437.28                           |
|                        |                       | 5.61                            |                            |                                    | 14,716.19                           |
| 636.18                 | 6,895.39              | 171.33                          | 356.62                     | 209.37                             | 17,353.76                           |
|                        | 1,967.90              |                                 |                            |                                    | 2,440.51                            |
| 1,145.24               | 24,980.73             | 898.63                          | 2,011.89                   | 1,352.02                           | 66,967.78                           |
| 1,326.68               | 30,072.94             | 473.15                          | 930.76                     | 587.73                             | 54,871.41                           |
| 404.28                 | 7,875.25              |                                 | 206.71                     | 13.51                              | 10,704.52                           |
| 785.40                 | 23,335.21             |                                 | 171.05                     |                                    | 24,953.24                           |
|                        |                       | 903.34                          | 1,985.10                   |                                    | 31,275.55                           |
|                        |                       | 1,170.00                        | 4,894.45                   |                                    | 11,319.29                           |
| 1,335.17               | 65,218.18             | 804.44                          | 1,029.00                   | 1,665.00                           | 107,886.79                          |
|                        | 3,000.00              |                                 |                            |                                    | 4,000.00                            |
| 23,929.13              | 1,010,940.32          | 13,832.24                       | 26,718.62                  | 27,746.26                          | 2,056,659.74                        |
| 8,889.47               | 22,402.86             | 6,442.04                        | 13,875.61                  | 12,347.09                          | 191,998.80                          |
| 397                    | 8,362                 | 196                             | 418                        | 252                                | 19,100                              |
| 100                    | 1,121                 | 20                              | 54                         | 22                                 | 2,699                               |
| 5                      | 147                   | 2                               | 3                          | 1                                  | 355                                 |
| 502                    | 9,630                 | 218                             | 475                        | 275                                | 22,154                              |

## STATEMENT

## Operating Reports of Municipal Electrical

## NORTHERN ONTARIO PROPERTIES

| Municipality.....   | Capreol   | Larder Lake<br>Twp. (V.A.) | *Latchford | McGarry<br>Imp. Dist. |
|---|-----------|----------------------------|------------|-----------------------|
| Population.....   | 1,897     | 1,960                      | 532        | 2,187                 |
| <b>EARNINGS</b>   | <b>\$</b> | <b>\$</b>                  | <b>\$</b>  | <b>\$</b>             |
| Domestic service.....                                     | 22,302.83 | 20,301.04                  | 1,504.13   | 19,252.93             |
| Commercial light service.....                             | 6,696.90  | 7,727.41                   | 1,006.40   | 7,934.82              |
| Commercial power service.....                             | 8,236.42  | 425.67                     | 236.81     |                       |
| Municipal power.....                                      | 694.82    | 1,119.96                   |            |                       |
| Street lighting.....                                      | 2,300.97  | 1,436.40                   | 346.87     | 707.34                |
| Merchandise.....  | 33.43     |                            |            |                       |
| Miscellaneous.....  | 96.00     |                            |            |                       |
| Total earnings.....                                       | 40,361.37 | 31,010.48                  | 3,094.21   | 27,895.09             |
| <b>EXPENSES</b>   |           |                            |            |                       |
| Power purchased.....                                      | 27,771.15 | 17,906.81                  | 1,244.09   | 19,818.36             |
| Substation operation.....                                 | 88.12     |                            |            |                       |
| Substation maintenance.....                               |           |                            |            |                       |
| Distribution system, operation and<br>maintenance.....    | 3,004.24  | 1,211.71                   | 69.01      | 169.39                |
| Line transformer maintenance.....                         | 119.75    | 98.62                      |            | 82.25                 |
| Meter maintenance.....                                    | 325.57    | 263.60                     | 19.23      | 56.41                 |
| Consumers' premises expenses.....                         | 1.68      |                            |            |                       |
| Street lighting, operation and main-<br>tenance.....      | 917.54    | 310.07                     | 11.34      | 506.88                |
| Promotion of business.....                                |           |                            |            |                       |
| Billing and collecting.....                               | 2,047.00  | 1,943.35                   | 253.41     | 1,709.02              |
| General office, salaries and expenses..                   | 1,396.02  | 1,960.09                   | 165.51     | 919.63                |
| Undistributed expenses.....                               | 212.36    | 95.48                      |            | 7.15                  |
| Truck operation and maintenance.....                      | 822.62    |                            |            |                       |
| Interest.....   |           | 702.00                     |            | 560.00                |
| Sinking fund and principal payments<br>on debentures..... |           | 900.00                     |            | 500.00                |
| Depreciation.....   | 1,456.00  | 1,253.00                   | 329.00     | 857.00                |
| Other reserves.....                                       |           |                            |            |                       |
| Total operating costs and<br>fixed charges.....           | 38,162.05 | 26,644.73                  | 2,091.59   | 25,186.09             |
| Net surplus.....  | 2,199.32  | 4,365.75                   | 1,002.62   | 2,709.00              |
| Net loss.....   |           |                            |            |                       |
| <b>NUMBER OF CUSTOMERS</b>                                |           |                            |            |                       |
| Domestic service.....                                     | 542       | 463                        | 99         | 298                   |
| Commercial light service.....                             | 82        | 88                         | 24         | 55                    |
| Power service.....  | 2         | 5                          | 3          |                       |
| Total.....  | 626       | 556                        | 126        | 353                   |

\*7 months' operation.

## "B"—Concluded

## Utilities for Year Ended December 31, 1950

| North Bay<br>18,295 | Sioux Lookout<br>2,225 | Sudbury<br>47,054 | NORTHERN<br>ONTARIO<br>PROPERTIES<br>SUMMARY | ALL<br>SYSTEMS<br>GRAND<br>SUMMARY |
|---------------------|------------------------|-------------------|--|------------------------------------|
| \$                  | \$                     | \$                | \$   | \$                                 |
| 175,963.27          | 31,261.83              | 430,548.53        | 701,134.56                                   | 28,066,402.91                      |
| 90,013.10           | 21,471.50              | 202,019.05        | 336,869.18                                   | 14,690,733.78                      |
| 72,835.19           | 4,552.43               | 62,912.55         | 149,199.07                                   | 23,873,159.20                      |
| 5,650.09            | 1,935.58               | 11,313.30         | 20,713.75                                    | 2,907,974.03                       |
| 15,538.62           | 3,159.00               | 34,188.44         | 57,677.64                                    | 2,552,755.74                       |
| 1,689.64            |                        |                   | 1,723.07                                     | 216,549.51                         |
|                     |                        | 2,355.41          | 2,451.41                                     | 1,215,956.41                       |
| 361,689.91          | 62,380.34              | 743,337.28        | 1,269,768.68                                 | 73,523,531.58                      |
| 232,191.22          | 33,147.24              | 477,941.41        | 810,020.28                                   | 46,400,040.72                      |
| 2,847.35            |                        | 16,903.67         | 19,839.14                                    | 1,441,553.66                       |
|                     |                        | 1,322.83          | 1,322.83                                     | 679,136.10                         |
| 16,926.76           | 3,807.81               | 29,509.62         | 54,698.54                                    | 2,682,034.57                       |
| 1,025.59            | 80.40                  | 2,850.32          | 4,256.93                                     | 335,739.15                         |
| 6,569.53            | 454.49                 | 17,489.43         | 25,178.26                                    | 762,974.01                         |
| 8,893.97            |                        | 8,980.16          | 17,875.81                                    | 1,243,611.94                       |
| 4,000.39            | 363.94                 | 12,352.87         | 18,463.03                                    | 705,830.91                         |
|                     |                        |                   |  | 277,190.88                         |
| 22,315.70           | 3,940.23               | 49,592.89         | 81,801.60                                    | 2,382,607.11                       |
| 20,786.09           | 1,806.04               | 24,086.70         | 51,120.08                                    | 2,162,662.43                       |
| 8,582.83            | 375.48                 | 2,686.20          | 11,959.50                                    | 1,331,333.41                       |
| 3,958.47            | 1,094.90               | 12,071.46         | 17,947.45                                    | 302,310.53                         |
| 739.16              |                        | 1,110.96          | 3,112.12                                     | 497,138.36                         |
|                     |                        | 9,334.34          | 10,734.34                                    | 980,917.96                         |
| 14,583.00           | 1,241.00               | 41,200.00         | 60,919.00                                    | 4,076,473.95                       |
|                     |                        |                   |  | 1,769,378.03                       |
| 343,420.06          | 46,311.53              | 707,432.86        | 1,189,248.91                                 | 68,030,933.72                      |
| 18,269.85           | 16,068.81              | 35,904.42         | 80,519.77                                    | 5,492,597.86                       |
| 4,324               | 658                    | 10,410            | 16,794                                       | 745,422                            |
| 788                 | 104                    | 1,328             | 2,469  | 104,122                            |
| 102                 | 11                     | 157               | 280  | 18,372                             |
| 5,214               | 773                    | 11,895            | 19,543                                       | 867,916                            |





## STATEMENT "C"

(pages 240 to 257)

Cost of Power to Municipalities and Rates to Customers for Domestic  
Service—Commercial Light Service—Power Service in Ontario  
Urban Municipalities Served by The Hydro-Electric  
Power Commission of Ontario for the  
year 1950

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## STATEMENT "D"

(pages 262 to 277)

Statistics relating to the Supply of Electrical Energy to Customers  
in Ontario Urban Municipalities Served by  
The Hydro-Electric Power Commission  
of Ontario for the year 1950

**STATEMENT "C"**

**Cost of Power to Municipalities and Rates to Customers for  
Domestic Service—Commercial Light Service—Power Service  
in Ontario Urban Municipalities Served by The  
Hydro-Electric Power Commission of Ontario  
for the year 1950**

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Statement "C" presents schedules of rates for domestic, commercial light, and power services in each municipality receiving service through The Hydro-Electric Power Commission of Ontario, with the exception of those served through the facilities of the rural power districts. The statement also shows, as an important factor in determining rates to customers, the wholesale cost per kilowatt of the power supplied by the Commission to each municipality on a wholesale cost basis.

**Cost of Power to Municipalities**

The figures in the first column represent the total cost for the year of the power supplied by the Commission to the municipality, divided by the number of kilowatts supplied. Details respecting these costs are given in the "Cost of Power" tables relating to the systems, as presented in Appendix II, and an explanation of the items making up the cost of power is given in the introduction to Section II.

**Rates to Customers**

The Power Commission Act stipulates that "The rates chargeable by any municipal corporation generating or receiving and distributing electrical power or energy shall be subject (at all times) to the approval and control of the Commission."\* In accordance with the Act and in pursuance of its fundamental principle of providing service at cost, the Commission requires that accurate cost records be kept in each municipality, and exercises a continuous supervision over the rates charged to customers.

At the commencement of its operations, the Commission introduced scientifically-designed rate schedules for each of the three main classes into which electrical service is usually divided, namely: residential or domestic service, commercial light service, and power service, and the schedules in use during the past year are presented in the tables of this statement.

*Domestic Service:* Domestic rates apply to electrical service in residences, for all household purposes, including lighting, cooking, and the operation of all domestic appliances.

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\*R.S.O. 1950, Ch. 281, Sec. 104.



*Commercial Light Service:* Electrical energy used in stores, offices, churches, schools, public halls and institutions, hotels, public boarding-houses, and in all other premises for commercial purposes, including sign and display lighting, is billed at commercial lighting rates.

*Water-Heater Service:* For customers using continuous electric water-heaters, low flat rates are available consisting of a fixed charge per month dependent on the capacity of the heating element and the cost of power to the municipal utility. Such heaters are so connected that the electrical energy they consume is not metered. In addition, booster water-heating equipment can be used to furnish extra requirements beyond the capacity of the continuous heater; current for the booster heater is measured and charged for at the regular rates.

*Power Service:* The rate schedules given for power service in statement "C" are those governing retail supply to all power customers except certain large power customers served directly by the Commission on behalf of the systems of municipalities.

The rates for power service, as given in the tables, are the rates for 24-hour unrestricted power at secondary distribution voltage. For service at primary distribution voltage the rates are usually 5 per cent lower than those stated. In municipalities where load conditions and other circumstances permit, lower rates are available for "restricted power", discounts additional to those listed in the table being applicable.

The service charge relates to the connected load or to the maximum demand where a demand meter is installed. The prompt payment discount of 10 per cent on the total monthly bill is given for settlement within 10 days.

Early in 1949 the Commission changed the method of billing the power demand of industrial power customers by using kilowatt instead of horsepower. This did not constitute a change in power cost to the customer, but was used to simplify billing procedure. In the table below, the actual basic rate—i.e. the net yearly charge computed by assuming 130 hours' monthly use of one horsepower—in force during 1950 is shown as in previous years, but the former service charge per horsepower per month is now shown as the equivalent service charge per kilowatt per month. In cases where special local discounts were in force, equivalent reductions in service charge and energy rates have been incorporated.

In the table of rates for power service there is a column headed "Basis of rate 130 hours' monthly use of demand per hp." This column shows approximately the net annual amount payable for a demand of one horsepower, assuming a monthly use of 130 hours, which includes 30 hours' use each month at the third energy rate. Broadly, the figures in this column serve to indicate approximately the relative cost of power service in the different municipalities listed.

## STATEMENT

**Cost of Power to Municipalities and Rates to Customers for  
for the Year 1950, in Urban Municipalities Served**

| Municipality<br><br>C—City<br>T—Town<br>(Pop. 2,000 or more) | Annual cost to<br>the Commission<br>on the works to<br>serve electrical<br>energy to municip-<br>ality on a<br>kilowatt basis | Domestic service                    |                                  |                            |                                   |                                     |   |
|--|---|-------------------------------------|----------------------------------|----------------------------|-----------------------------------|-------------------------------------|---|
|  |   | Service<br>charge<br>per<br>month** | First rate                       |                            | All<br>addition-<br>al per<br>kwh | Minimum<br>gross<br>monthly<br>bill | Prompt<br>pay-<br>ment<br>dis-<br>count |
|  |   |                                     | Number<br>of kwh<br>per<br>month | Per<br>kwh<br>per<br>month |                                   |                                     |   |
|  | \$  | cents                               |                                  | cents                      | cents                             | \$                                  | %                                       |
| Acton.....T  | 35.05   | .....                               | 60                               | 2.6                        | 1.1                               | 0.83                                | 10                                      |
| Agincourt.....   | 38.82   | .....                               | 60                               | 3.0                        | 1.0                               | 0.83                                | 10                                      |
| Ailsa Craig.....   | 42.47   | .....                               | 60                               | 2.8                        | 1.0                               | 0.83                                | 10                                      |
| Alexandria.....T   | 38.49   | .....                               | 60                               | 3.0                        | 1.0                               | 1.11                                | 10                                      |
| Alliston.....  | 37.54   | .....                               | 55                               | 3.5                        | 1.0                               | 1.11                                | 10                                      |
| Almonte.....T  | 37.02   | .....                               | 60                               | 2.5                        | 1.0                               | 0.83                                | 10                                      |
| Alvinston.....   | 49.25   | .....                               | 60                               | 3.5                        | 1.0                               | 0.83                                | 10                                      |
| Amherstburg.....T  | 38.86   | .....                               | 60                               | 2.7                        | 1.0                               | 1.11                                | 10                                      |
| Ancaster Twp.....  | 38.50   | .....                               | 60                               | 4.2                        | 1.2                               | 1.11                                | 10                                      |
| Apple Hill.....  | 37.76   | .....                               | 60                               | 4.0                        | 1.0                               | 1.39                                | 10                                      |
| Arkona.....  | 43.51   | .....                               | 60                               | 4.0                        | 1.0                               | 1.11                                | 10                                      |
| Arnprior.....T   | 31.77   | .....                               | 60                               | 2.8                        | 0.8                               | 0.83                                | 10                                      |
| Arthur.....  | 47.47   | .....                               | 45                               | 4.5                        | 1.2                               | 1.11                                | 10                                      |
| Athens.....  | 43.07   | 33-66                               | 50                               | 4.5                        | 1.5                               | 1.11                                | 10                                      |
| Atikokan.....  |   |                                     | 60                               | 4.4                        | *2.1<br>1.1                       | †1.67<br>†2.25                      | 10                                      |
| Aurora.....T   | 33.58   | .....                               | 60                               | 2.6                        | 1.0                               | 0.83                                | 10                                      |
| Aylmer.....T   | 37.20   | .....                               | 60                               | 2.2                        | 0.8                               | 0.83                                | 10                                      |
| Ayr.....   | 38.87   | .....                               | 60                               | 3.0                        | 1.1                               | 1.11                                | 10                                      |
| Baden.....   | 34.43   | .....                               | 60                               | 3.0                        | 1.1                               | 0.83                                | 10                                      |
| Bala.....  |   | 33-66                               | 50                               | 3.7                        | 1.2                               | 1.66                                | 10                                      |
| Bancroft.....  | 52.14   | .....                               | 60                               | 6.0                        | 2.0                               | 1.67                                | 10                                      |
| Barrie.....T   | 30.83   | .....                               | 60                               | 2.4                        | 0.8                               | 0.83                                | 10                                      |
| Barry's Bay.....   | 52.20   | .....                               | 60                               | 6.0                        | 2.0                               | 2.78                                | 10                                      |
| Bath.....  | 35.57   | .....                               | 60                               | 4.8                        | 1.5                               | 2.22                                | 10                                      |
| Beachville.....  | 36.86   | .....                               | 60                               | 2.8                        | 0.9                               | 0.83                                | 10                                      |
| Beamsville.....  | 34.08   | .....                               | 60                               | 2.2                        | 0.8                               | 0.83                                | 10                                      |
| Beardmore.....   |   |                                     | 60                               | 4.4                        | *2.1<br>1.1                       | †1.67<br>†2.25                      | 10                                      |
| Beaverton.....   | 38.30   | .....                               | 60                               | 2.8                        | 1.0                               | 1.11                                | 10                                      |
| Beeton.....  | 46.44   | .....                               | 45                               | 4.0                        | 1.2                               | 1.39                                | 10                                      |
| Belle River.....   | 40.35   | .....                               | 60                               | 3.5                        | 1.0                               | 1.39                                | 10                                      |

\*\*Where domestic service charge has not been abolished the charge is 33 cents per month per service when the permanently installed appliance load is under 2,000 watts and 66 cents per month when 2,000 watts or more. Where a service charge of 56 cents is used it applies to either 2-wire or 3-wire service.

"C"

## Domestic Service—Commercial Light Service—Power Service

by The Hydro-Electric Power Commission of Ontario

| Commercial light service                     |                                 |                        |                            |                         | Power service   |                                 |                                |                                 |                        |                         |
|--|---------------------------------|------------------------|----------------------------|-------------------------|---|---------------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|
| Service charge per 100 watts min 1,000 watts | First 100 hrs per month per kwh | All additional per kwh | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand per hp | Service charge per kw per month | First 50 hrs per month per kwh | Second 50 hrs per month per kwh | All additional per kwh | Prompt payment discount |
| cents  | cents                           | cents                  | \$                         | %                       | \$  | \$                              | cents                          | cents                           | cents                  | %                       |
| 5.0  | 2.0                             | 0.7                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.6                             | 0.6                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.3                             | 0.7                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 2.6                             | 0.8                    | 1.11                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 3.2                             | 0.9                    | 1.11                       | 10                      | 27.00   | 1.35                            | 2.3                            | 1.5                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 1.0                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 3.0                             | 0.9                    | 0.83                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.2                             | 0.6                    | 1.11                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 3.6                             | 1.0                    | 1.11                       | 10                      | 31.00   | 1.35                            | 2.9                            | 1.9                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 0.8                    | 1.11                       | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.6                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 4.0                             | 1.0                    | 1.11                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 4.5                             | 1.0                    | 1.11                       | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |
| 5.0  | 4.4                             | 1.1                    | †1.67<br>‡2.25             | 10                      | 37.00   | 1.35                            | 3.8                            | 2.5                             | 0.33                   | 10                      |
| 5.0  | 1.6                             | 0.4                    | 1.11                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 1.8                             | 0.4                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.5                             | 0.9                    | 1.11                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 2.5                             | 0.8                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 3.7                             | 0.8                    | 1.66                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 5.0                             | 2.0                    | 1.67                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.6                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 5.0                             | 2.0                    | 2.78                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 5.0                             | 1.0                    | 2.22                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.4                             | 0.5                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 1.8                             | 0.5                    | 0.83<br>†1.67              | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 4.4                             | 1.1                    | ‡2.25                      | 10                      | 37.00   | 1.35                            | 3.8                            | 2.5                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.8                    | 1.11                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.9                             | 0.7                    | 1.39                       | 10                      | 32.00   | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |

\*2-wire service next 80 kwh, 3-wire service next 180 kwh.

†2-wire service.

‡3-wire service.



## STATEMENT

**Cost of Power to Municipalities and Rates to Customers for  
for the Year 1950, in Urban Municipalities Served**

| Municipality<br><br>c—City<br>T—Town<br>(Pop. 2,000 or more) | Annual cost to<br>the Commission<br>on the works to<br>serve electrical<br>energy to munici-<br>pality on a<br>kilowatt basis | Domestic service                  |                                  |                            |                                   |                                     |   |
|--|---|-----------------------------------|----------------------------------|----------------------------|-----------------------------------|-------------------------------------|---|
|  |   | Service<br>charge<br>per<br>month | First rate                       |                            | All<br>addition-<br>al per<br>kwh | Minimum<br>gross<br>monthly<br>bill | Prompt<br>pay-<br>ment<br>dis-<br>count |
|  |   |                                   | Number<br>of kwh<br>per<br>month | Per<br>kwh<br>per<br>month |                                   |                                     |   |
|  | \$  | cents                             |                                  | cents                      | cents                             | \$                                  | %                                       |
| Belleville.....C   | 29.57   | .....                             | 60                               | 1.8                        | 0.8                               | 0.83                                | 10                                      |
| Blenheim.....T   | 39.39   | .....                             | 60                               | 2.5                        | 0.9                               | 1.11                                | 10                                      |
| Bloomfield.....  | 44.09   | .....                             | 60                               | 2.5                        | 0.9                               | 0.83                                | 10                                      |
| Blyth.....   | 39.70   | .....                             | 60                               | 2.9                        | 1.0                               | 1.11                                | 10                                      |
| Bobcaygeon.....  | 52.19   | .....                             | 60                               | 5.0                        | 1.25                              | 2.22                                | 10                                      |
| Bolton.....  | 37.55   | .....                             | 60                               | 2.9                        | 1.0                               | 0.83                                | 10                                      |
| Bothwell.....  | 44.15   | .....                             | 60                               | 2.5                        | 0.8                               | 0.83                                | 10                                      |
| Bowmanville.....T  | 34.29   | .....                             | 60                               | 3.0                        | 1.0                               | 0.83                                | 10                                      |
| Bradford.....  | 37.83   | .....                             | 45                               | 4.2                        | 1.0                               | 1.39                                | 10                                      |
| Braeside.....  | 32.40   | .....                             | 50                               | 4.0                        | 1.3                               | 0.83                                | 10                                      |
| Brampton.....T   | 31.63   | .....                             | 60                               | 2.3                        | 1.0                               | 0.83                                | 10                                      |
| Brantford.....C  | 32.31   | .....                             | 60                               | 2.0                        | 1.0                               | 0.83                                | 10                                      |
| Brantford Twp.....   | 32.82   | .....                             | 60                               | 3.4                        | 1.3                               | 1.11                                | 10                                      |
| Brechin.....   | 42.68   | .....                             | 45                               | 5.5                        | 1.2                               | 1.67                                | 10                                      |
| Bridgeport.....  | 36.01   | .....                             | 60                               | 3.0                        | 0.9                               | 0.83                                | 10                                      |
| Brigden.....   | 46.52   | .....                             | 60                               | 3.0                        | 0.9                               | 1.11                                | 10                                      |
| Brighton.....  | 34.49   | .....                             | 60                               | 3.5                        | 0.9                               | 0.83                                | 10                                      |
| Brockville.....T   | 31.69   | .....                             | 60                               | 2.0                        | 0.8                               | 0.83                                | 10                                      |
| Brussels.....  | 41.17   | .....                             | 60                               | 3.2                        | 1.0                               | 1.11                                | 10                                      |
| Burford.....   | 35.82   | .....                             | 60                               | 2.8                        | 1.0                               | 0.83                                | 10                                      |
| Burgessville.....  | 39.36   | .....                             | 60                               | 4.0                        | 1.0                               | 1.11                                | 10                                      |
| Burks Falls.....   | 30.11   | .....                             | 50                               | 5.0                        | 1.5                               | 2.50                                | 10                                      |
| Burlington.....T   | 32.48   | .....                             |                                  |                            | Special                           |                                     |   |
| Burlington Beach or<br>Hamilton Beach.....T                  |   | .....                             | 60                               | 3.5                        | 1.1                               | 0.83                                | 10                                      |
| Cache Bay.....   |   | .....                             | x60                              | 6.0                        | 2.0                               | 1.67                                | 10                                      |
| Caledonia.....   | 36.19   | .....                             | 60                               | 2.3                        | 1.0                               | 1.11                                | 10                                      |
| Campbellville.....   | 40.78   | .....                             | 60                               | 3.0                        | 1.3                               | 1.11                                | 10                                      |
| Cannington.....  | 37.80   | .....                             | 60                               | 3.2                        | 1.0                               | 1.11                                | 10                                      |
| Capreol.....   |   | .....                             | 50                               | 3.6                        | 1.0                               | 1.39                                | 10                                      |
| Cardinal.....  | 34.00   | .....                             | 55                               | 2.8                        | 1.1                               | 1.11                                | 10                                      |
| Carleton Place.....T   | 33.72   | .....                             | 55                               | 2.5                        | 0.9                               | 0.83                                | 10                                      |
| Cayuga.....  | 43.83   | .....                             | 60                               | 3.5                        | 1.0                               | 1.39                                | 10                                      |
| Chatham.....C  | 34.02   | .....                             | 60                               | 3.2                        | 1.0                               | 0.83                                | 10                                      |
| Chatsworth.....  | 37.45   | .....                             | 50                               | 3.0                        | 1.0                               | 1.39                                | 10                                      |
| Chesley.....   | 34.80   | .....                             | 60                               | 2.7                        | 1.0                               | 1.11                                | 10                                      |
| Chesterville.....  | 34.08   | .....                             | 55                               | 2.3                        | 0.9                               | 0.83                                | 10                                      |
| Chippawa.....  | 27.45   | .....                             | 60                               | 2.2                        | 1.0                               | 0.83                                | 10                                      |
| Clifford.....  | 43.56   | .....                             | 55                               | 3.3                        | 1.1                               | 1.11                                | 10                                      |
| Clinton.....T  | 37.21   | .....                             | 60                               | 2.5                        | 0.8                               | 0.83                                | 10                                      |
| Cobden.....  | 35.19   | .....                             | 40                               | 2.8                        | 1.0                               | 1.11                                | 10                                      |

xTemporary rate.

## "C"—Continued

Domestic Service—Commercial Light Service—Power Service  
by The Hydro-Electric Power Commission of Ontario

| Commercial light service                     |                                 |                        |                            |                         | Power service   |                                 |                                |                                 |                        |                         |
|--|---------------------------------|------------------------|----------------------------|-------------------------|---|---------------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|
| Service charge per 100 watts min 1,000 watts | First 100 hrs per month per kwh | All additional per kwh | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand per hp | Service charge per kw per month | First 50 hrs per month per kwh | Second 50 hrs per month per kwh | All additional per kwh | Prompt payment discount |
| cents  | cents                           | cents                  | \$                         | %                       | \$  | \$                              | cents                          | cents                           | cents                  | %                       |
| 5.0  | 1.6                             | 0.6                    | 0.83                       | 10                      | 17.00   | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 2.1                             | 0.6                    | 1.11                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 0.7                    | 0.83                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.4                             | 0.8                    | 1.11                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 5.0                             | 1.0                    | 2.22                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.8                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 1.9                             | 0.4                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 2.4                             | 0.8                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 3.7                             | 1.0                    | 1.39                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 4.0                             | 1.0                    | 0.83                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 1.9                             | 0.6                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| z5.0   | 1.7                             | 0.5                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.9                             | 1.0                    | 1.11                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 4.8                             | 0.8                    | 1.67                       | 10                      | 34.00   | 1.35                            | 3.4                            | 2.2                             | 0.33                   | 10                      |
| 5.0  | 2.7                             | 0.6                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.5                             | 0.7                    | 1.11                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 3.0                             | 0.7                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 1.6                             | 0.6                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.7                             | 0.8                    | 1.11                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 0.9                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 3.5                             | 0.8                    | 1.11                       | 10                      | 31.00   | 1.35                            | 2.9                            | 1.9                             | 0.33                   | 10                      |
| 5.0  | 4.5                             | 1.5                    | 2.50                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
|  |                                 | Special                |                            |                         |   |                                 | Special                        |                                 |                        |                         |
| 5.0  | 3.2                             | 0.7                    | 0.83                       | 10                      | 27.00   | 1.35                            | 2.3                            | 1.5                             | 0.33                   | 10                      |
| x5.0   | 5.0                             | 2.0                    | 1.67                       | 10                      | .....   | .....                           | .....                          | .....                           | .....                  | .....                   |
| 5.0  | 1.9                             | 0.8                    | 1.11                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 2.8                             | 1.1                    | 1.11                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.8                             | 0.9                    | 1.11                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 3.2                             | 0.8                    | 1.39                       | 10                      | 31.00   | 1.35                            | 2.9                            | 1.9                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 1.0                    | 1.11                       | 10                      | 27.00   | 1.35                            | 2.3                            | 1.5                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.7                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 3.0                             | 0.8                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.8                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.5                             | 0.9                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 1.0                    | 1.11                       | 10                      | 23.00   | 1.20                            | 1.9                            | 1.3                             | 0.30                   | 10                      |
| 5.0  | 2.0                             | 0.9                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 1.8                             | 0.7                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | 1.11                       | 10                      | 32.00   | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |
| 5.0  | 2.2                             | 0.7                    | 0.83                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 1.0                    | 1.11                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |

z—Minimum 500 watts.

## STATEMENT

**Cost of Power to Municipalities and Rates to Customers for  
for the Year 1950, in Urban Municipalities Served**

| Municipality<br><br>c—City<br>T—Town<br>(Pop. 2,000 or more) | Annual cost to<br>the Commission<br>on the works to<br>serve electrical<br>energy to munici-<br>pality on a<br>kilowatt basis | Domestic service                  |                                  |                            |                                   |                                     |   |
|--|---|-----------------------------------|----------------------------------|----------------------------|-----------------------------------|-------------------------------------|---|
|  |   | Service<br>charge<br>per<br>month | First rate                       |                            | All<br>addition-<br>al per<br>kwh | Minimum<br>gross<br>monthly<br>bill | Prompt<br>pay-<br>ment<br>dis-<br>count |
|  |   |                                   | Number<br>of kwh<br>per<br>month | Per<br>kwh<br>per<br>month |                                   |                                     |   |
|  | \$  | cents                             |                                  | cents                      | cents                             | \$                                  | %                                       |
| Cobourg.....T  | 34.61   | .....                             | 60                               | 2.9                        | 1.1                               | 0.83                                | 10                                      |
| Colborne.....  | 35.11   | .....                             | 60                               | 3.8                        | 1.0                               | 0.83                                | 10                                      |
| Coldwater.....   | 35.60   | 33-66                             | 55                               | 2.5                        | 1.0                               | 1.11                                | 10                                      |
| Collingwood.....T  | 33.25   | .....                             | 60                               | 2.3                        | 1.0                               | 1.11                                | 10                                      |
| Comber.....  | 42.96   | .....                             | 60                               | 3.1                        | 1.0                               | 0.83                                | 10                                      |
| Cookstown.....   | 36.67   | .....                             | 45                               | 4.3                        | 1.0                               | 1.39                                | 10                                      |
| Cottage Cove Townsite.....                                   |   | .....                             | 60                               | 4.4                        | *2.1                              | †1.67                               |   |
| Cottam.....  | 41.48   | .....                             | 60                               | 3.0                        | 1.1                               | †2.25                               | 10                                      |
| Courtright.....  | 47.95   | .....                             | 60                               | 3.0                        | 1.0                               | 0.83                                | 10                                      |
| Creemore.....  | 36.02   | .....                             | 60                               | 3.1                        | 1.1                               | 1.11                                | 10                                      |
|  |   | .....                             | 50                               | 3.1                        | 1.0                               | 1.39                                | 10                                      |
| Dashwood.....  | 45.94   | .....                             | 60                               | 3.9                        | 1.3                               | 0.83                                | 10                                      |
| Delaware.....  | 36.15   | .....                             | 60                               | 3.4                        | 1.0                               | 0.83                                | 10                                      |
| Delhi.....T  | 37.31   | .....                             | 60                               | 3.2                        | 1.0                               | 0.83                                | 10                                      |
| Deseronto.....   | 39.64   | .....                             | 60                               | 3.9                        | 1.0                               | 0.83                                | 10                                      |
| Dorchester.....  | 38.56   | .....                             | 60                               | 2.6                        | 1.0                               | 0.83                                | 10                                      |
| Drayton.....   | 45.34   | .....                             | 55                               | 4.0                        | 1.3                               | 1.11                                | 10                                      |
| Dresden.....T  | 42.78   | .....                             | 60                               | 2.8                        | 1.0                               | 1.11                                | 10                                      |
| Drumbo.....  | 39.02   | .....                             | 60                               | 3.5                        | 1.0                               | 1.11                                | 10                                      |
| Dublin.....  | 43.57   | .....                             | 60                               | 3.5                        | 1.1                               | 1.11                                | 10                                      |
| Dundalk.....   | 36.38   | .....                             | 60                               | 2.7                        | 1.0                               | 1.11                                | 10                                      |
| Dundas.....T   | 31.80   | .....                             | 60                               | 2.5                        | 1.0                               | 0.83                                | 10                                      |
| Dunnville.....T  | 33.97   | .....                             | 60                               | 2.1                        | 0.9                               | 0.83                                | 10                                      |
| Durham.....T   | 36.44   | .....                             | 60                               | 2.7                        | 1.1                               | 1.11                                | 10                                      |
| Dutton.....  | 39.40   | .....                             | 60                               | 2.3                        | 1.0                               | 0.83                                | 10                                      |
| East York Twp.....   | 32.14   | .....                             | 60                               | 2.4                        | 1.1                               | 0.83                                | 10                                      |
| Elmira.....T   | 33.43   | .....                             | 60                               | 2.9                        | 0.9                               | 1.11                                | 10                                      |
| Elmvale.....   | 36.17   | .....                             | 60                               | 2.6                        | 1.0                               | 0.83                                | 10                                      |
| Elmwood.....   | 37.89   | .....                             | 50                               | 3.5                        | 0.9                               | 1.11                                | 10                                      |
| Elora.....   | 37.36   | .....                             | 60                               | 3.0                        | 1.1                               | 1.11                                | 10                                      |
| Embro.....   | 39.55   | .....                             | 60                               | 3.3                        | 1.1                               | 0.83                                | 10                                      |
| Erieau.....  | 46.32   | .....                             | 60                               | 3.7                        | 1.0                               | 1.11                                | 10                                      |
| Erie Beach.....  | 47.07   | .....                             | 60                               | 4.5                        | 1.2                               | 1.39                                | 10                                      |
| Erin.....  | 51.08   | .....                             | 40                               | 5.0                        | 1.5                               | 1.39                                | 10                                      |
| Essex.....T  | 38.46   | .....                             | 60                               | 2.8                        | 0.9                               | 1.11                                | 10                                      |
| Etobicoke Twp.....   | 32.45   | .....                             | 60                               | 2.5                        | 1.0                               | 0.83                                | 10                                      |
| Exeter.....T   | 38.84   | .....                             | 60                               | 2.6                        | 1.0                               | 0.83                                | 10                                      |
| Fergus.....T   | 34.85   | .....                             | 60                               | 2.9                        | 1.0                               | 1.11                                | 10                                      |
| Finch.....   | 38.91   | .....                             | 45                               | 3.0                        | 1.2                               | 1.39                                | 10                                      |
| Flesherton.....  | 34.80   | .....                             | 60                               | 2.8                        | 1.0                               | 1.11                                | 10                                      |
| Fonthill.....  | 32.51   | .....                             | 60                               | 2.8                        | 1.0                               | 0.83                                | 10                                      |

\*2-wire service next 80 kwh, 3-wire service next 180 kwh.

†2-wire service.

‡3-wire service.



## “C”—Continued

Domestic Service—Commercial Light Service—Power Service  
by The Hydro-Electric Power Commission of Ontario

| Commercial light service                     |                                 |                        |                            |                         | Power service   |                                 |                                |                                 |                        |                         |
|--|---------------------------------|------------------------|----------------------------|-------------------------|---|---------------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|
| Service charge per 100 watts min 1,000 watts | First 100 hrs per month per kwh | All additional per kwh | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand per hp | Service charge per kw per month | First 50 hrs per month per kwh | Second 50 hrs per month per kwh | All additional per kwh | Prompt payment discount |
| cents  | cents                           | cents                  | \$                         | %                       | \$  | \$                              | cents                          | cents                           | cents                  | %                       |
| 5.0  | 2.4                             | 0.9                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 3.0                             | 1.0                    | 0.83                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 1.0                    | 1.11                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 1.8                             | 1.0                    | 1.11                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.7                             | 0.8                    | 0.83                       | 10                      | 29.00   | 1.35                            | 2.6                            | 1.7                             | 0.33                   | 10                      |
| 5.0  | 3.8                             | 1.0                    | 1.39                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
|  |                                 |                        | †1.67                      |                         |   |                                 |                                |                                 |                        |                         |
| 5.0  | 4.4                             | 1.1                    | †2.25                      | 10                      | 37.00   | 1.35                            | 3.8                            | 2.5                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.8                    | 0.83                       | 10                      | 27.00   | 1.35                            | 2.3                            | 1.5                             | 0.33                   | 10                      |
| 5.0  | 3.2                             | 1.0                    | 1.11                       | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.9                    | 1.39                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 3.4                             | 1.1                    | 0.83                       | 10                      | 34.00   | 1.35                            | 3.4                            | 2.2                             | 0.33                   | 10                      |
| 5.0  | 3.0                             | 0.8                    | 0.83                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.8                    | 0.83                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 0.9                    | 0.83                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 2.1                             | 0.8                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 3.4                             | 0.7                    | 1.11                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 0.6                    | 1.11                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 3.0                             | 0.8                    | 1.11                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 3.0                             | 0.8                    | 1.11                       | 10                      | 34.00   | 1.35                            | 3.4                            | 2.2                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 0.8                    | 1.11                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.1                             | 0.7                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 1.8                             | 0.6                    | 0.83                       | 10                      | 18.50   | 1.00                            | 1.5                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.4                             | 1.0                    | 1.11                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.6                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 1.9                             | 0.6                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.5                             | 0.7                    | 1.11                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.2                             | 0.8                    | 0.83                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 3.0                             | 0.8                    | 1.11                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.7                    | 1.11                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.7                             | 0.7                    | 0.83                       | 10                      | 32.00   | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 0.9                    | 1.11                       | 10                      | 38.00   | x1.35                           | 4.0                            | 2.6                             | 0.33                   | 10                      |
| 5.0  | 4.0                             | 1.0                    | 1.39                       | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |
| 5.0  | 4.0                             | 1.0                    | 1.39                       | 10                      | 36.00   | 1.35                            | 3.7                            | 2.4                             | 0.33                   | 10                      |
| 5.0  | 2.1                             | 0.7                    | 1.11                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 1.9                             | 0.5                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.3                             | 0.4                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.5                             | 0.5                    | 1.11                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.8                             | 1.0                    | 1.39                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 0.8                    | 1.11                       | 10                      | 23.00   | 1.20                            | 1.9                            | 1.3                             | 0.30                   | 10                      |
| 5.0  | 2.3                             | 0.6                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |

†2-wire service.

‡3-wire service.

xMinimum \$3.00 per kw per month.

## STATEMENT

**Cost of Power to Municipalities and Rates to Customers for  
for the Year 1950, in Urban Municipalities Served**

| Municipality<br><br>c—City<br>T—Town<br>(Pop. 2,000 or more) | Annual cost to<br>the Commission<br>on the works to<br>serve electrical<br>energy to munici-<br>pality on a<br>kilowatt basis | Domestic service                  |                                  |                            |                                   |                                     |   |
|--|---|-----------------------------------|----------------------------------|----------------------------|-----------------------------------|-------------------------------------|---|
|  |   | Service<br>charge<br>per<br>month | First rate                       |                            | All<br>addition-<br>al per<br>kwh | Minimum<br>gross<br>monthly<br>bill | Prompt<br>pay-<br>ment<br>dis-<br>count |
|  |   |                                   | Number<br>of kwh<br>per<br>month | Per<br>kwh<br>per<br>month |                                   |                                     |   |
|  | \$  | cents                             |                                  | cents                      | cents                             | \$                                  | %                                       |
| Forest.....  | 40.48   | .....                             | 60                               | 3.4                        | 1.0                               | 0.83                                | 10                                      |
| Forest Hill.....T  | 31.12   | .....                             | 60                               | 2.5                        | 1.1                               | 0.83                                | 10                                      |
| Fort William.....C   | 30.33   | .....                             | 60                               | 2.0                        | 0.8                               | 0.83                                | 10                                      |
| Frankford.....   | 31.75   | .....                             | 60                               | 4.5                        | 1.2                               | 0.83                                | 10                                      |
| Galt.....C   | 32.55   | .....                             | 60                               | 2.8                        | 0.8                               | 0.83                                | 10                                      |
| Gamebridge.....  |   | .....                             | 45                               | 5.5                        | 1.2                               | 1.67                                | 10                                      |
| Georgetown.....T   | 36.06   | .....                             | 60                               | 2.5                        | 0.9                               | 0.83                                | 10                                      |
| Geraldton.....T  |   | .....                             | 60                               | 4.4                        | *2.1                              | †1.67                               |   |
| Glencoe.....   | 52.19   | .....                             | 60                               | 3.0                        | 0.9                               | †2.25                               | 10                                      |
| Glen Williams.....   |   | .....                             | 60                               | 2.9                        | 1.0                               | 1.11                                | 10                                      |
|  |   |                                   |                                  |                            |                                   | 0.83                                | 10                                      |
| Goderich.....T   | 39.61   | .....                             | 60                               | 3.0                        | 1.1                               | 0.83                                | 10                                      |
| Grand Valley.....  | 41.02   | .....                             | 60                               | 2.8                        | 1.0                               | 1.11                                | 10                                      |
| Granton.....   | 52.20   | .....                             | 60                               | 3.9                        | 1.4                               | 1.11                                | 10                                      |
| Gravenhurst.....T  | 32.78   | .....                             | 60                               | 1.9                        | 0.8                               | 1.11                                | 10                                      |
| Grimsby.....T  | 36.07   | .....                             | 60                               | 2.2                        | 0.8                               | 0.83                                | 10                                      |
| Guelph.....C   | 32.43   | .....                             | 60                               | 2.1                        | 1.0                               | 0.83                                | 10                                      |
| Hagersville.....   | 37.90   | .....                             | 60                               | 2.5                        | 1.0                               | 0.83                                | 10                                      |
| Hamilton.....C   | 30.88   | .....                             | 60                               | 2.4                        | 0.9                               | 0.83                                | 10                                      |
| Hanover.....T  | 32.58   | .....                             | 60                               | 2.4                        | 1.0                               | 0.83                                | 10                                      |
| Harriston.....   | 41.57   | .....                             | 55                               | 3.0                        | 1.0                               | 0.83                                | 10                                      |
| Harrow.....  | 40.06   | .....                             | 60                               | 3.3                        | 1.2                               | 0.83                                | 10                                      |
| Hastings.....  | 36.70   | .....                             | 45                               | 4.2                        | 1.0                               | 1.11                                | 10                                      |
| Havelock.....  | 38.59   | .....                             | 60                               | 3.6                        | 1.5                               | 0.83                                | 10                                      |
| Hensall.....   | 42.61   | .....                             | 60                               | 3.2                        | 1.0                               | 0.83                                | 10                                      |
| Hepworth.....  |   | .....                             | 60                               | 4.0                        | 1.2                               | 1.67                                | 10                                      |
| Hespeler.....T   | 32.55   | .....                             | 60                               | 3.0                        | 1.0                               | 0.83                                | 10                                      |
| Highgate.....  | 38.82   | .....                             | 60                               | 3.2                        | 0.9                               | 0.83                                | 10                                      |
|  |   |                                   |                                  |                            | *1.6                              | †1.67                               |   |
| Hislop Townsite.....   |   | 56                                | 40                               | 3.5                        | 0.75                              | †2.25                               | 10                                      |
| Holstein.....  | 46.18   | .....                             | 60                               | 3.0                        | 1.0                               | 1.11                                | 10                                      |
|  |   |                                   |                                  |                            | *2.1                              | †1.67                               |   |
| Hudson Townsite.....   |   | .....                             | 60                               | 4.4                        | 1.1                               | †2.25                               | 10                                      |
| Humberstone.....T  | 32.32   | .....                             | 60                               | 2.4                        | 0.9                               | 0.83                                | 10                                      |
| Huntsville.....T   | 36.09   | .....                             | 60                               | 2.0                        | 1.0                               | 1.11                                | 10                                      |
| Ingersoll.....T  | 34.16   | .....                             | 60                               | 2.8                        | 1.0                               | 0.83                                | 10                                      |
| Iroquois.....  | 31.18   | .....                             | 60                               | 2.5                        | 1.0                               | 0.83                                | 10                                      |
| Jarvis.....  | 43.09   | .....                             | 60                               | 2.8                        | 0.9                               | 0.83                                | 10                                      |

\*2-wire service next 80 kwh, 3-wire service next 180 kwh.

†2-wire service.

‡3-wire service.

## "C"—Continued

Domestic Service—Commercial Light Service—Power Service  
by The Hydro-Electric Power Commission of Ontario

| Commercial light service                     |                                 |                        |                            |                         | Power service   |                                 |                                |                                 |                        |                         |
|--|---------------------------------|------------------------|----------------------------|-------------------------|---|---------------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|
| Service charge per 100 watts min 1,000 watts | First 100 hrs per month per kwh | All additional per kwh | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand per hp | Service charge per kw per month | First 50 hrs per month per kwh | Second 50 hrs per month per kwh | All additional per kwh | Prompt payment discount |
| cents  | cents                           | cents                  | \$                         | %                       | \$  | \$                              | cents                          | cents                           | cents                  | %                       |
| 5.0  | 2.9                             | 0.7                    | 0.83                       | 10                      | 32.00   | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.6                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 1.9                             | 0.4                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.3                             | 0.4                    | 0.83                       | 10                      | 17.00   | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 4.8                             | 0.8                    | 1.67                       | 10                      | 34.00   | 1.35                            | 3.4                            | 2.2                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.5                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 4.4                             | 1.1                    | 1.67                       | 10                      | 37.00   | 1.35                            | 3.8                            | 2.5                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.8                    | 1.11                       | 10                      | 31.00   | 1.35                            | 2.9                            | 1.9                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 0.6                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.6                             | 0.7                    | 0.83                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.4                             | 0.8                    | 1.11                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 3.4                             | 1.3                    | 1.11                       | 10                      | 29.00   | 1.35                            | 2.6                            | 1.7                             | 0.33                   | 10                      |
| 5.0  | 1.5                             | 0.6                    | 1.11                       | 10                      | 17.00   | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 1.8                             | 0.5                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 1.9                             | 0.5                    | 0.83                       | 10                      | 17.00   | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 2.0                             | 0.8                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| z5.0   | 1.7                             | 0.5                    | 0.83                       | 10                      | 16.50   | 1.00                            | 1.2                            | 0.7                             | 0.25                   | 10                      |
| 5.0  | 2.0                             | 0.7                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.6                             | 0.7                    | 0.83                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.9                             | 0.8                    | 0.83                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 3.6                             | 1.0                    | 1.11                       | 10                      | 37.00   | 1.35                            | 3.8                            | 2.5                             | 0.33                   | 10                      |
| 5.0  | 3.1                             | 1.3                    | 0.83                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.7                             | 0.9                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | 1.67                       | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.7                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.8                             | 0.7                    | 0.83                       | 10                      | 29.00   | 1.35                            | 2.6                            | 1.7                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | 1.67                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.8                    | 1.11                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 4.4                             | 1.1                    | 1.67                       | 10                      | 37.00   | 1.35                            | 3.8                            | 2.5                             | 0.33                   | 10                      |
| 5.0  | 1.9                             | 0.6                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 1.8                             | 0.9                    | 1.11                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.2                             | 0.6                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.0                             | 0.8                    | 0.83                       | 10                      | 23.00   | 1.20                            | 1.9                            | 1.3                             | 0.30                   | 10                      |
| 5.0  | 2.3                             | 0.6                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |

†2-wire service.

‡3-wire service.

z—Minimum 500 watts.



## STATEMENT

**Cost of Power to Municipalities and Rates to Customers for  
for the Year 1950, in Urban Municipalities Served**

| Municipality                             | Annual cost to the Commission on the works to serve electrical energy to municipality on a kilowatt basis | Domestic service         |                         |                   |                        |                            |                         |
|--|---|--------------------------|-------------------------|-------------------|------------------------|----------------------------|-------------------------|
|  |   | Service charge per month | First rate              |                   | All additional per kwh | Minimum gross monthly bill | Prompt payment discount |
|  |   |                          | Number of kwh per month | Per kwh per month |                        |                            |                         |
| c—City<br>T—Town<br>(Pop. 2,000 or more) |   |                          |                         |                   |                        |                            |                         |
|  | \$  | cents                    |                         | cents             | cents                  | \$                         | %                       |
| Kearns Townsite.....                     |   | 56                       | 40                      | 3.5               | *1.6                   | †1.67                      |                         |
| Kemptville.....                          | 35.80   |                          | 55                      | 3.2               | 0.75                   | ‡2.25                      | 10                      |
| Kincardine.....T                         | 37.52   |                          | 50                      | 3.1               | 1.0                    | 0.83                       | 10                      |
|  |   |                          |                         |                   | 1.0                    | 1.11                       | 10                      |
| King Kirkland Townsite.....              |   | 56                       | 40                      | 3.5               | *1.6                   | †1.67                      |                         |
| Kingston.....C                           | 30.14   |                          | 50                      | 1.8               | 0.75                   | ‡2.25                      | 10                      |
|  |   |                          |                         |                   | 0.8                    | 0.83                       | 10                      |
| Kingsville.....T                         | 39.83   |                          | 60                      | 2.7               | 1.0                    | 0.83                       | 10                      |
| Kirkfield.....                           | 52.20   |                          | 50                      | 5.0               | 1.2                    | 1.66                       | 10                      |
| Kitchener.....C                          | 31.85   |                          | 60                      | 2.3               | 1.1                    | 0.83                       | 10                      |
| Lakefield.....                           | 33.97   |                          | 55                      | 2.8               | 1.0                    | 0.83                       | 10                      |
| Lambeth.....                             | 36.61   |                          | 60                      | 3.2               | 1.1                    | 0.83                       | 10                      |
| Lanark.....                              | 42.55   |                          | 50                      | 3.8               | 1.2                    | 0.83                       | 10                      |
| Lancaster.....                           | 52.20   |                          | 60                      | 3.0               | 1.0                    | 0.83                       | 10                      |
| Larder Lake.....                         |   |                          |                         |                   | Special                |                            |                         |
| La Salle.....                            | 41.09   |                          | 60                      | 4.2               | 1.4                    | 1.67                       | 10                      |
| Latchford.....                           |   |                          | 60                      | 5.0               | 2.0                    | 1.67                       | 10                      |
| Leamington.....T                         | 39.78   |                          | 60                      | 2.3               | 0.9                    | 1.11                       | 10                      |
| Leaside.....T                            |   |                          | 60                      | 1.8               | 1.2                    | 0.83                       | 10                      |
| Lindsay.....T                            | 34.99   |                          | 60                      | 2.3               | 1.0                    | 0.83                       | 10                      |
| Listowel.....T                           | 37.82   |                          | 60                      | 2.6               | 1.0                    | 0.83                       | 10                      |
| London.....C                             | 32.54   |                          | 60                      | 2.4               | 0.9                    | 0.83                       | 10                      |
| London Twp.....                          | 35.53   |                          | 60                      | 3.1               | 1.1                    | 1.11                       | 10                      |
| Long Branch.....T                        | 32.67   |                          | 60                      | 2.2               | 0.8                    | 0.83                       | 10                      |
| Lucan.....                               | 37.97   |                          | 60                      | 3.2               | 1.1                    | 0.83                       | 10                      |
| Lucknow.....                             | 39.64   |                          | 55                      | 2.7               | 1.0                    | 1.39                       | 10                      |
| Lynden.....                              | 38.28   |                          | 60                      | 3.0               | 1.0                    | 0.83                       | 10                      |
| Madoc.....                               | 37.45   |                          | 60                      | 2.9               | 1.2                    | 0.83                       | 10                      |
| Markdale.....                            | 33.64   |                          | 60                      | 2.0               | 1.0                    | 0.83                       | 10                      |
| Markham.....                             | 35.29   |                          | 60                      | 2.8               | 1.0                    | 0.83                       | 10                      |
| Marmora.....                             | 38.37   |                          | 60                      | 3.6               | 1.0                    | 0.83                       | 10                      |
| Martintown.....                          | 33.47   |                          | 50                      | 3.0               | 1.0                    | 1.11                       | 10                      |
| Matachewan Townsite.....                 |   |                          | 50                      | 4.5               | 1.0                    | 1.11                       | 10                      |
| Matheson.....                            |   | 56                       | 40                      | 3.5               | *1.6                   | †1.67                      |                         |
| Maxville.....                            | 37.82   |                          | 55                      | 3.1               | 0.75                   | ‡2.25                      | 10                      |
| McGarry.....                             |   |                          |                         |                   | 1.0                    | 0.83                       | 10                      |
| Meaford.....T                            | 35.96   |                          | 60                      | 2.6               | Special                | 1.0                        | 0.83                    |
| Merlin.....                              | 42.07   |                          | 60                      | 3.1               | 1.0                    | 0.83                       | 10                      |
|  |   |                          | 50                      | 5.0               |                        |                            |                         |
| Merrickville.....                        | 29.76   |                          | 50                      | 2.5               | 1.0                    | 1.11                       | 10                      |
| Merritton.....T                          | 28.61   |                          | 60                      | 2.8               | 1.2                    | 0.83                       | 10                      |
| Midland.....T                            | 31.45   |                          | 60                      | 2.3               | 0.8                    | 0.83                       | 10                      |
| Mildmay.....                             | 37.03   |                          | 50                      | 2.8               | 1.0                    | 1.39                       | 10                      |

\*2-wire service next 80 kwh, 3-wire service next 180 kwh.

†2-wire service.

‡3-wire service.

## "C"—Continued

Domestic Service—Commercial Light Service—Power Service  
by The Hydro-Electric Power Commission of Ontario

| Commercial light service                     |                                 |                        |                            |                         | Power service   |                                 |                                |                                 |                        |                         |
|--|---------------------------------|------------------------|----------------------------|-------------------------|---|---------------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|
| Service charge per 100 watts min 1,000 watts | First 100 hrs per month per kwh | All additional per kwh | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand per hp | Service charge per kw per month | First 50 hrs per month per kwh | Second 50 hrs per month per kwh | All additional per kwh | Prompt payment discount |
| cents  | cents                           | cents                  | \$                         | %                       | \$  | \$                              | cents                          | cents                           | cents                  | %                       |
| 5.0  | 3.5                             | 1.0                    | †1.67                      | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.7                             | 1.0                    | ‡2.25                      | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.8                    | 0.83                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | †1.67                      | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 1.5                             | 0.7                    | ‡2.25                      | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.0                             | 0.7                    | 0.83                       | 10                      | 23.00   | 1.20                            | 1.9                            | 1.3                             | 0.30                   | 10                      |
| 5.0  | 4.5                             | 1.0                    | 1.66                       | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |
| 5.0  | 2.1                             | 0.8                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.4                             | 0.8                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.8                             | 0.8                    | 0.83                       | 10                      | 33.00   | 1.35                            | 3.2                            | 2.1                             | 0.33                   | 10                      |
| 5.0  | 3.3                             | 1.0                    | 0.83                       | 10                      | 38.00   | 1.35                            | 4.0                            | 2.6                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 1.0                    | 0.83                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 3.7                             | 1.1                    | 1.67                       | 10                      | 31.00   | 1.35                            | 2.9                            | 1.9                             | 0.33                   | 10                      |
| 5.0  | 4.5                             | 2.0                    | 1.67                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.5                    | 1.11                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| z7.5   | 1.9                             | 0.5                    | 0.83                       | 10                      | 21.00   | 1.00                            | 2.0                            | 1.0                             | 0.31                   | 10                      |
| 5.0  | 2.0                             | 0.9                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.3                             | 0.6                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 1.8                             | 0.4                    | 0.83                       | 10                      | 16.00   | 1.00                            | 1.1                            | 0.7                             | 0.25                   | 10                      |
| 5.0  | 2.7                             | 0.7                    | 1.11                       | 10                      | 23.00   | 1.20                            | 1.9                            | 1.3                             | 0.30                   | 10                      |
| 5.0  | 1.8                             | 0.5                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.7                             | 0.6                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 2.2                             | 0.8                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.8                    | 0.83                       | 10                      | 23.00   | 1.20                            | 1.9                            | 1.3                             | 0.30                   | 10                      |
| 5.0  | 2.5                             | 1.1                    | 0.83                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 1.8                             | 0.8                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.4                             | 0.6                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 3.2                             | 0.9                    | 0.83                       | 10                      | 27.00   | 1.35                            | 2.3                            | 1.5                             | 0.33                   | 10                      |
| 5.0  | 3.0                             | 1.0                    | 1.66                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | †1.67                      | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | ‡2.25                      | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.8                             | 1.0                    | †1.67                      | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |
| 5.0  | 2.2                             | 0.8                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 2.6                             | 0.7                    | 0.83                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| Same as Domestic                             |                                 |                        |                            |                         |   |                                 | Special                        |                                 |                        |                         |
| 5.0  | 2.2                             | 0.8                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 1.8                             | 0.7                    | 0.83                       | 10                      | 17.00   | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 2.4                             | 0.8                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |

†2-wire service.

‡3-wire service.

z—Minimum 500 watts.

## STATEMENT

**Cost of Power to Municipalities and Rates to Customers for  
for the Year 1950, in Urban Municipalities Served**

| Municipality                             | Annual cost to the Commission on the work to serve electrical energy to municipality on a kilowatt basis | Domestic service         |                         |                   |                        |                            |                         |
|--|--|--------------------------|-------------------------|-------------------|------------------------|----------------------------|-------------------------|
|  |  | Service charge per month | First rate              |                   | All additional per kwh | Minimum gross monthly bill | Prompt payment discount |
|  |  |                          | Number of kwh per month | Per kwh per month |                        |                            |                         |
| C—City<br>T—Town<br>(Pop. 2,000 or more) |  |                          |                         |                   |                        |                            |                         |
| Millbrook.....                           | \$ 41.30   | cents                    | 60                      | cents 4.6         | cents 1.0              | \$ 0.83                    | % 10                    |
| Milton.....T                             | 32.74  | .....                    | 60                      | 2.8               | 0.9                    | 0.83                       | 10                      |
| Milverton.....                           | 38.79  | .....                    | 60                      | 3.0               | 1.1                    | 1.11                       | 10                      |
| Mimico.....T                             | 31.49  | .....                    | 60                      | 2.5               | 1.1                    | 0.83                       | 10                      |
| Mitchell.....T                           | 35.92  | .....                    | 60                      | 3.3               | 1.2                    | 0.83                       | 10                      |
| Moorefield.....                          | 46.40  | .....                    | 60                      | 3.2               | 1.0                    | 1.39                       | 10                      |
| Morrisburg.....                          | 32.60  | .....                    | 60                      | 3.0               | 1.0                    | 0.83                       | 10                      |
| Mount Brydges.....                       | 39.30  | .....                    | 60                      | 2.4               | 0.8                    | 0.83                       | 10                      |
| Mount Forest.....T                       | 38.93  | .....                    | 60                      | 2.8               | 1.0                    | 0.83                       | 10                      |
| Napanee.....T                            | 33.28  | .....                    | 60                      | 2.8               | 1.1                    | 0.83                       | 10                      |
| Neustadt.....                            | 34.60  | .....                    | 60                      | 3.0               | 1.0                    | 1.39                       | 10                      |
| Newboro.....                             | 52.20  | .....                    | 60                      | 5.0               | 1.5                    | 3.33                       | 10                      |
| Newburgh.....                            | 33.91  | .....                    | 60                      | 4.3               | 1.2                    | 1.39                       | 10                      |
| Newbury.....                             | 45.66  | .....                    | 60                      | 4.0               | 1.0                    | 1.11                       | 10                      |
| Newcastle.....                           | 34.46  | .....                    | 60                      | 3.0               | 0.9                    | 1.11                       | 10                      |
| New Hamburg.....                         | 36.92  | .....                    | 60                      | 3.0               | 1.1                    | 0.83                       | 10                      |
| Newmarket.....T                          | 33.98  | .....                    | 60                      | 2.4               | 0.8                    | 0.83                       | 10                      |
| New Toronto.....T                        | 33.81  | .....                    | 60                      | 2.5               | 1.0                    | 0.83                       | 10                      |
| Niagara.....                             | 29.94  | .....                    | 60                      | 2.8               | 1.1                    | 0.83                       | 10                      |
| Niagara Falls.....C                      | 25.56  | .....                    | 60                      | 1.9               | 0.8                    | 1.00                       | 10                      |
| Nipigon Twp.....                         | 33.58  | .....                    | 60                      | 2.8               | 1.0                    | 1.11                       | 10                      |
| North Bay.....C                          | .....  | .....                    | 60                      | 2.3               | 0.9                    | 0.83                       | 10                      |
| North York Twp.....                      | 32.34  | .....                    | 60                      | 2.8               | 1.4                    | 0.83                       | 10                      |
| Norwich.....                             | 37.08  | .....                    | 60                      | 2.5               | 0.9                    | 0.83                       | 10                      |
| Norwood.....                             | 34.41  | .....                    | 50                      | 3.9               | 1.1                    | 1.11                       | 10                      |
| Oakville.....T                           | 34.73  | .....                    | 60                      | 2.8               | 1.2                    | 0.83                       | 10                      |
| Oil Springs.....                         | 40.77  | .....                    | 60                      | 2.6               | 0.9                    | 1.11                       | 10                      |
| Omeme.....                               | 36.98  | .....                    | 60                      | 3.3               | 1.0                    | 0.83                       | 10                      |
| Orangeville.....T                        | 36.41  | .....                    | 55                      | 2.8               | 1.0                    | 1.11                       | 10                      |
| Orono.....                               | 35.93  | .....                    | 60                      | 4.5               | 1.0                    | 1.11                       | 10                      |
| Oshawa.....C                             | 33.70  | .....                    | 60                      | 3.0               | 1.1                    | 0.83                       | 10                      |
| Ottawa.....C                             | 28.98  | 33-66                    | 60                      | 2.0               | { 0.5                  | 0.83                       | 10                      |
| Otterville.....                          | 40.22  |                          | 60                      | 1.0               |                        | 0.83                       | 10                      |
| Owen Sound.....C                         | 33.13  |                          | 60                      | 2.6               |                        | 0.83                       | 10                      |
| Paisley.....                             | 39.36  |                          | 60                      | 2.4               |                        | 1.11                       | 10                      |
| Palmerston.....                          | 40.16  | .....                    | 50                      | 4.0               | 1.0                    | 1.39                       | 10                      |
| Paris.....T                              | 32.44  | .....                    | 60                      | 2.6               | 1.0                    | 1.11                       | 10                      |
| Parkhill.....T                           | 42.00  | .....                    | 60                      | 2.4               | 1.0                    | 0.83                       | 10                      |
| Parry Sound.....T                        | 38.78  | .....                    | 60                      | 3.2               | 1.5                    | 0.83                       | 10                      |
| Penetanguishene.....T                    | 33.69  | .....                    | 60                      | 2.4               | 0.9                    | 0.83                       | 10                      |



## "C"—Continued

Domestic Service—Commercial Light Service—Power Service  
by The Hydro-Electric Power Commission of Ontario

| Commercial light service                     |                                 |                        |                            |                         | Power service   |                                 |                                |                                 |                        |                         |
|--|---------------------------------|------------------------|----------------------------|-------------------------|---|---------------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|
| Service charge per 100 watts min 1,000 watts | First 100 hrs per month per kwh | All additional per kwh | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand per hp | Service charge per kw per month | First 50 hrs per month per kwh | Second 50 hrs per month per kwh | All additional per kwh | Prompt payment discount |
| cents  | cents                           | cents                  | \$                         | %                       | \$  | \$                              | cents                          | cents                           | cents                  | %                       |
| 5.0  | 4.2                             | 1.0                    | 0.83                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 0.5                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.6                             | 1.0                    | 1.11                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.2                             | 0.8                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.8                             | 0.8                    | 0.83                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 2.8                             | 0.9                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.7                             | 0.8                    | 0.83                       | 10                      | 23.00   | 1.20                            | 1.9                            | 1.3                             | 0.30                   | 10                      |
| 5.0  | 1.8                             | 0.5                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.3                             | 0.8                    | 0.83                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 1.0                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.5                             | 0.8                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 4.5                             | 1.5                    | 5.55                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 3.8                             | 1.2                    | 1.39                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 0.9                    | 1.11                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.8                    | 1.11                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.8                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.2                             | 0.7                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 1.9                             | 0.7                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.3                             | 0.7                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 1.7                             | 0.6                    | 1.00                       | 10                      | 16.00   | 1.00                            | 1.1                            | 0.7                             | 0.25                   | 10                      |
| 5.0  | 2.4                             | 0.8                    | 1.11                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 1.8                             | 0.8                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.7                             | 1.0                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.2                             | 0.7                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 3.4                             | 0.9                    | 1.11                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 1.0                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.4                             | 0.6                    | 1.11                       | 10                      | 27.00   | 1.35                            | 2.3                            | 1.5                             | 0.33                   | 10                      |
| 5.0  | 2.8                             | 0.8                    | 0.83                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.8                    | 1.11                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 4.0                             | 0.8                    | 1.11                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.8                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.1                             | 0.5                    | 0.83                       | 10                      | 18.00   | a1.00                           | 1.8                            | 1.2                             | 0.15                   | b10                     |
| 5.0  | 2.2                             | 0.5                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.1                             | 0.8                    | 1.11                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 3.5                             | 0.8                    | 1.39                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.2                             | 0.8                    | 1.11                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 1.9                             | 0.5                    | 0.83                       | 10                      | 16.00   | 1.00                            | 1.1                            | 0.7                             | 0.25                   | 10                      |
| 5.0  | 2.7                             | 1.0                    | 1.11                       | 10                      | 32.00   | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |
| 5.0  | 2.7                             | 1.2                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 2.1                             | 0.7                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |

a—\$1.00 per hp.

b—Local discount 15 &amp; 10%.

## STATEMENT

**Cost of Power to Municipalities and Rates to Customers for  
for the Year 1950, in Urban Municipalities Served**

| Municipality<br><br>C—City<br>T—Town<br>(Pop. 2,000 or more) | Annual cost to<br>the Commission<br>on the works to<br>serve electrical<br>energy to munici-<br>pality on a<br>kilowatt basis | Domestic service                  |                                  |                            |                                   |                                     |   |
|--|---|-----------------------------------|----------------------------------|----------------------------|-----------------------------------|-------------------------------------|---|
|  |   | Service<br>charge<br>per<br>month | First rate                       |                            | All<br>addition-<br>al per<br>kwh | Minimum<br>gross<br>monthly<br>bill | Prompt<br>pay-<br>ment<br>dis-<br>count |
|  |   |                                   | Number<br>of kwh<br>per<br>month | Per<br>kwh<br>per<br>month |                                   |                                     |   |
|  | \$  | cents                             |                                  | cents                      | cents                             | \$                                  | %                                       |
| Perth.....T  | 32.19   | .....                             | 55                               | 2.8                        | 1.0                               | 0.83                                | 10                                      |
| Peterborough.....C   | 30.40   | .....                             | 60                               | 2.2                        | 1.1                               | 0.83                                | 10                                      |
| Petrolia.....T   | 40.46   | .....                             | 60                               | 3.1                        | 1.0                               | 0.83                                | 10                                      |
| Picton.....T   | 34.93   | .....                             | 60                               | 2.0                        | 0.8                               | 0.83                                | 10                                      |
| Plattsville.....   | 41.68   | .....                             | 60                               | 3.3                        | 1.2                               | 0.83                                | 10                                      |
| Point Edward.....  | 38.00   | .....                             | 60                               | 3.5                        | 1.2                               | 0.83                                | 10                                      |
| Port Arthur.....C  | 30.55   | .....                             | 60                               | 2.0                        | 0.8                               | 0.83                                | 10                                      |
| Port Carling.....  | .....   | 33-66                             | 45                               | 4.7                        | 1.5                               | 1.66                                | 10                                      |
| Port Colborne.....T  | 32.18   | .....                             | 60                               | 2.7                        | 0.9                               | 0.83                                | 10                                      |
| Port Credit.....T  | 32.48   | .....                             | 60                               | 2.4                        | 1.1                               | 0.83                                | 10                                      |
| Port Dalhousie.....T   | 32.00   | .....                             | 60                               | 2.9                        | 1.1                               | 0.83                                | 10                                      |
| Port Dover.....T   | 38.46   | .....                             | 60                               | 2.2                        | 0.8                               | 0.83                                | 10                                      |
| Port Elgin.....T   | 39.86   | .....                             | 60                               | 3.5                        | 1.3                               | 1.11                                | 10                                      |
| Port Hope.....T  | 34.26   | .....                             | 60                               | 2.4                        | 1.0                               | 0.83                                | 10                                      |
| Port McNicoll.....   | 34.69   | .....                             | 60                               | 3.3                        | 1.0                               | 0.83                                | 10                                      |
| Port Perry.....  | 40.36   | .....                             | 50                               | 4.0                        | 1.2                               | 1.11                                | 10                                      |
| Port Rowan.....  | 44.31   | .....                             | 60                               | 3.2                        | 1.1                               | 1.11                                | 10                                      |
| Port Stanley.....  | 41.37   | .....                             | 60                               | 2.8                        | 0.9                               | 1.11                                | 10                                      |
| Powassan.....  | .....   | 56                                | 40                               | 3.5                        | *1.6                              | †1.67                               | 10                                      |
| Prescott.....T   | 32.63   | .....                             | 60                               | 2.9                        | 0.75<br>1.3                       | †2.25<br>0.83                       | 10                                      |
| Preston.....T  | 32.19   | .....                             | 60                               | 2.9                        | 0.9                               | 0.83                                | 10                                      |
| Priceville.....  | 47.26   | .....                             | 60                               | 5.0                        | 1.5                               | 1.67                                | 10                                      |
| Princeton.....   | 41.05   | .....                             | 60                               | 3.0                        | 1.0                               | 1.39                                | 10                                      |
| Queenston.....   | 28.31   | .....                             | 60                               | 2.6                        | 1.0                               | 0.83                                | 10                                      |
| Red Lake Townsite.....                                       | .....   | .....                             | 60                               | 4.4                        | *2.1<br>1.1                       | †1.67<br>†2.25                      | 10                                      |
| Red Rock.....  | 31.94   | .....                             | 60                               | 3.0                        | 1.1                               | †1.67<br>†2.22                      | 10                                      |
| Renfrew.....T  | 36.32   | .....                             | 45                               | 3.5                        | 1.0                               | 0.83                                | 10                                      |
| Richmond.....  | 52.20   | .....                             | 40                               | 4.3                        | 1.2                               | 1.67                                | 10                                      |
| Richmond Hill.....   | 33.58   | .....                             | 60                               | 2.5                        | 0.9                               | 0.83                                | 10                                      |
| Ridgetown.....T  | 38.80   | .....                             | 60                               | 2.4                        | 0.9                               | 0.83                                | 10                                      |
| Ripley.....  | 44.16   | .....                             | 55                               | 4.8                        | 1.0                               | 1.67                                | 10                                      |
| Riverside.....T  | 38.41   | .....                             | 60                               | 3.3                        | 1.1                               | 1.11                                | 10                                      |
| Rockwood.....  | 37.03   | .....                             | 60                               | 3.0                        | 1.1                               | 0.83                                | 10                                      |
| Rodney.....  | 43.83   | .....                             | 60                               | 2.4                        | 0.8                               | 0.83                                | 10                                      |
| Rosseau.....   | 52.20   | .....                             | 60                               | 4.0                        | 2.0                               | 2.22                                | 10                                      |

\*2-wire service next 80 kwh, 3-wire service next 180 kwh.

†2-wire service.

‡3-wire service.

## "C"—Continued

Domestic Service—Commercial Light Service—Power Service  
by The Hydro-Electric Power Commission of Ontario

| Commercial light service                     |                                 |                        |                            |                         | Power service   |                                 |                                |                                 |                        |                         |
|--|---------------------------------|------------------------|----------------------------|-------------------------|---|---------------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|
| Service charge per 100 watts min 1,000 watts | First 100 hrs per month per kwh | All additional per kwh | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand per hp | Service charge per kw per month | First 50 hrs per month per kwh | Second 50 hrs per month per kwh | All additional per kwh | Prompt payment discount |
| cents  | cents                           | cents                  | \$                         | %                       | \$  | \$                              | cents                          | cents                           | cents                  | %                       |
| 5.0  | 2.0                             | 0.6                    | 0.83                       | 10                      | 17.00   | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 2.0                             | 0.9                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.4                             | 0.8                    | 0.83                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 1.7                             | 0.5                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 3.0                             | 1.0                    | 0.83                       | 10                      | 29.00   | 1.35                            | 2.6                            | 1.7                             | 0.33                   | 10                      |
| 5.0  | 3.0                             | 1.0                    | 0.83                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 1.9                             | 0.4                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 4.5                             | 0.8                    | 1.66                       | 10                      | 32.00   | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |
| 5.0  | 2.4                             | 0.7                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.1                             | 0.8                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.3                             | 0.7                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 1.7                             | 0.6                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.8                             | 1.0                    | 1.11                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.8                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.8                             | 0.8                    | 0.83                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 3.2                             | 1.0                    | 1.11                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 2.7                             | 0.9                    | 1.11                       | 10                      | 33.00   | 1.35                            | 3.2                            | 2.1                             | 0.33                   | 10                      |
| 5.0  | 2.4                             | 0.6                    | 1.11                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | †1.67                      | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 1.3                    | ‡2.25                      | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.4                             | 0.6                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 4.5                             | 1.5                    | 1.67                       | 10                      | 33.00   | 1.35                            | 3.2                            | 2.1                             | 0.33                   | 10                      |
| 5.0  | 2.7                             | 0.8                    | 1.39                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 2.1                             | 0.8                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 4.4                             | 1.1                    | †1.67                      | 10                      | 37.00   | 1.35                            | 3.8                            | 2.5                             | 0.33                   | 10                      |
| 5.0  | 3.0                             | 1.0                    | ‡2.25                      | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.0                             | 0.5                    | 0.83                       | 10                      | 21.00   | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 4.0                             | 1.0                    | 1.67                       | 10                      | 35.00   | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.6                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 1.9                             | 0.6                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 4.3                             | 0.8                    | 1.67                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.6                    | 1.11                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.9                    | 0.83                       | 10                      | 27.00   | 1.35                            | 2.3                            | 1.5                             | 0.33                   | 10                      |
| 5.0  | 2.1                             | 0.5                    | 0.83                       | 10                      | 24.00   | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 4.0                             | 2.0                    | 2.22                       | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |

†2-wire service.

‡3-wire service.



## STATEMENT

**Cost of Power to Municipalities and Rates to Customers for  
for the Year 1950, in Urban Municipalities Served**

| Municipality                             | Annual cost to the Commission on the works to serve electrical energy to municipality on a kilowatt basis | Domestic service         |                         |                   |                        |                            |                         |
|--|---|--------------------------|-------------------------|-------------------|------------------------|----------------------------|-------------------------|
|  |   | Service charge per month | First rate              |                   | All additional per kwh | Minimum gross monthly bill | Prompt payment discount |
|  |   |                          | Number of kwh per month | Per kwh per month |                        |                            |                         |
| c—City<br>T—Town<br>(Pop. 2,000 or more) |   |                          |                         |                   |                        |                            |                         |
|  | \$  | cents                    |                         | cents             | cents                  | \$                         | %                       |
| Russell.....                             | 52.20   | .....                    | 55                      | 4.6               | 1.2                    | 1.39                       | 10                      |
| St. Catharines.....C                     | 28.65   | .....                    | 60                      | 2.2               | 1.0                    | 1.00                       | 10                      |
| St. Clair Beach.....                     | 40.48   | .....                    | 60                      | 3.6               | 1.2                    | 1.11                       | 10                      |
| St. George.....                          | 37.59   | .....                    | 60                      | 2.5               | 0.9                    | 0.83                       | 10                      |
| St. Jacobs.....                          | 33.83   | .....                    | 60                      | 2.6               | 1.0                    | 0.83                       | 10                      |
| St. Marys.....T                          | 37.58   | .....                    | 60                      | 3.5               | 1.2                    | 0.83                       | 10                      |
| St. Thomas.....C                         | 34.04   | .....                    | 60                      | 2.6               | 1.0                    | 0.83                       | 10                      |
| Sarnia.....C                             | 39.62   | .....                    | 60                      | 2.8               | 1.0                    | 0.83                       | 10                      |
| Scarboro Twp.....                        | 34.09   | .....                    | 60                      | 2.6               | 1.1                    | 0.83                       | 10                      |
| Schreiber Twp.....                       | 41.90   | .....                    | 60                      | 5.0               | 2.0                    | 3.89                       | 10                      |
| Seaforth.....T                           | 35.90   | .....                    | 60                      | 3.1               | 1.2                    | 0.83                       | 10                      |
| Shelburne.....                           | 36.94   | .....                    | 60                      | 2.7               | 1.0                    | 1.11                       | 10                      |
| Simcoe.....T                             | 33.42   | .....                    | 60                      | 2.2               | 0.8                    | 0.83                       | 10                      |
| Sioux Lookout.....T                      | .....   | .....                    | 60                      | 4.0               | 1.5                    | 2.00                       | 10                      |
| Smiths Falls.....T                       | 30.94   | .....                    | 60                      | 2.6               | 1.0                    | 0.83                       | 10                      |
| Smithville.....                          | 37.46   | .....                    | 60                      | 3.0               | 0.9                    | 0.83                       | 10                      |
| Southampton.....                         | 39.21   | .....                    | 50                      | 3.2               | 1.1                    | 1.11                       | 10                      |
| Springfield.....                         | 39.51   | .....                    | 60                      | 3.4               | 0.9                    | 0.83                       | 10                      |
| Stamford Twp.....                        | 25.58   | .....                    | 60                      | 2.7               | 1.0                    | 1.00                       | 10                      |
| Stayner.....                             | 35.08   | .....                    | 55                      | 3.0               | 1.0                    | 0.83                       | 10                      |
| Stirling.....                            | 30.28   | .....                    | 60                      | 2.5               | 1.0                    | 0.83                       | 10                      |
| Stoney Creek.....                        | 35.82   | .....                    | 60                      | 3.5               | 1.1                    | 0.83                       | 10                      |
| Stouffville.....                         | 35.61   | .....                    | 60                      | 2.1               | 0.8                    | 0.83                       | 10                      |
| Stratford.....C                          | 34.04   | .....                    | 60                      | 2.6               | 0.9                    | 0.83                       | 10                      |
| Strathroy.....T                          | 35.66   | .....                    | 60                      | 3.1               | 0.9                    | 0.83                       | 10                      |
| Streetsville.....                        | 33.52   | .....                    | 60                      | 2.8               | 1.0                    | 0.83                       | 10                      |
| Sudbury.....C                            | .....   | .....                    | 60                      | 2.4               | 1.0                    | 0.83                       | 10                      |
| Sunderland.....                          | 38.62   | .....                    | 60                      | 3.5               | 1.0                    | 1.11                       | 10                      |
| Sutton.....                              | 40.90   | .....                    | 60                      | 2.7               | 1.0                    | 1.11                       | 10                      |
| Swansea.....T                            | 34.47   | .....                    | 60                      | 2.4               | 1.1                    | 0.83                       | 10                      |
| Tara.....                                | 39.86   | .....                    | 60                      | 2.8               | 1.2                    | 1.11                       | 10                      |
| Tavistock.....                           | 36.77   | .....                    | 60                      | 2.5               | 0.9                    | 0.83                       | 10                      |
| Tecumseh.....T                           | 39.51   | .....                    | 60                      | 3.5               | 1.0                    | 1.11                       | 10                      |
| Teeswater.....                           | 40.44   | .....                    | 60                      | 3.0               | 1.0                    | 1.11                       | 10                      |
| Terrace Bay.....                         | 33.33   | 56                       | 40                      | 3.5               | *1.6<br>0.75           | †1.67<br>‡2.25             | 10                      |
| Thamesford.....                          | 39.70   | .....                    | 60                      | 3.1               | 1.1                    | 0.83                       | 10                      |
| Thamesville.....                         | 40.27   | .....                    | 60                      | 2.3               | 1.0                    | 0.83                       | 10                      |
| Thedford.....                            | 41.65   | .....                    | 60                      | 3.6               | 1.0                    | 0.83                       | 10                      |
| Thornbury.....                           | 42.06   | .....                    | 60                      | 3.5               | 1.0                    | 0.83                       | 10                      |
| Thorndale.....                           | 37.79   | .....                    | 60                      | 4.1               | 1.2                    | 0.83                       | 10                      |

\*2-wire service next 80 kwh, 3-wire service next 180 kwh.

†2-wire service.

‡3-wire service.

## "C"—Continued

Domestic Service—Commercial Light Service—Power Service  
by The Hydro-Electric Power Commission of Ontario

| Commercial light service                     |                                 |                        |                            |                         | Power service  |                                 |                                |                                 |                        |                         |
|--|---------------------------------|------------------------|----------------------------|-------------------------|--|---------------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|
| Service charge per 100 watts min 1,000 watts | First 100 hrs per month per kwh | All additional per kwh | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours monthly use of demand per hp | Service charge per kw per month | First 50 hrs per month per kwh | Second 50 hrs per month per kwh | All additional per kwh | Prompt payment discount |
| cents  | cents                           | cents                  | \$                         | %                       | \$   | \$                              | cents                          | cents                           | cents                  | %                       |
| 5.0  | 4.3                             | 1.0                    | 1.39                       | 10                      | 35.00  | 1.35                            | 3.5                            | 2.3                             | 0.33                   | 10                      |
| 25.0   | 1.9                             | 0.5                    | 1.00                       | 10                      | 17.00  | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 3.5                             | 1.1                    | 1.11                       | 10                      | 32.00  | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.6                    | 0.83                       | 10                      | 22.00  | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.2                             | 0.8                    | 0.83                       | 10                      | 20.00  | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 3.0                             | 1.0                    | 0.83                       | 10                      | 23.00  | 1.20                            | 1.9                            | 1.3                             | 0.30                   | 10                      |
| 5.0  | 1.9                             | 0.4                    | 0.83                       | 10                      | 17.00  | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 2.3                             | 0.5                    | 0.83                       | 10                      | 23.00  | 1.20                            | 1.9                            | 1.3                             | 0.30                   | 10                      |
| 5.0  | 2.1                             | 0.7                    | 0.83                       | 10                      | 21.00  | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 5.0                             | 2.0                    | 3.89                       | 10                      | 30.00  | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.9                    | 0.83                       | 10                      | 24.00  | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 2.3                             | 0.9                    | 1.11                       | 10                      | 20.00  | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 1.8                             | 0.5                    | 0.83                       | 10                      | 19.00  | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 3.5                             | 2.0                    | x1.00                      | 10                      | 30.00  | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.7                    | 0.83                       | 10                      | 19.00  | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.5                             | 0.7                    | 0.83                       | 10                      | 25.00  | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.9                             | 1.1                    | 1.11                       | 10                      | 26.00  | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 2.9                             | 0.8                    | 0.83                       | 10                      | 30.00  | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.4                             | 0.7                    | 1.00                       | 10                      | 18.00  | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.3                             | 0.9                    | 0.83                       | 10                      | 21.00  | 1.20                            | 1.6                            | 1.0                             | 0.30                   | 10                      |
| 5.0  | 2.0                             | 1.0                    | 0.83                       | 10                      | 19.00  | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 3.2                             | 0.7                    | 0.83                       | 10                      | 27.00  | 1.35                            | 2.3                            | 1.5                             | 0.33                   | 10                      |
| 5.0  | 1.8                             | 0.5                    | 0.83                       | 10                      | 20.00  | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.0                             | 0.4                    | 0.83                       | 10                      | 18.00  | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.5                             | 0.6                    | 0.83                       | 10                      | 22.00  | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 2.3                             | 0.5                    | 0.83                       | 10                      | 20.00  | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.4                             | 0.8                    | 0.83                       | 10                      | 24.00  | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 3.0                             | 0.8                    | 1.11                       | 10                      | 33.00  | 1.35                            | 3.2                            | 2.1                             | 0.33                   | 10                      |
| 5.0  | 2.4                             | 0.7                    | 1.11                       | 10                      | 28.00  | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.8                    | 0.83                       | 10                      | 20.00  | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.4                             | 1.0                    | 1.11                       | 10                      | 31.00  | 1.35                            | 2.9                            | 1.9                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.5                    | 0.83                       | 10                      | 20.00  | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.9                             | 0.7                    | 1.11                       | 10                      | 27.00  | 1.35                            | 2.3                            | 1.5                             | 0.33                   | 10                      |
| 5.0  | 2.6                             | 0.8                    | 1.11                       | 10                      | 34.00  | 1.35                            | 3.4                            | 2.2                             | 0.33                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | †1.67<br>‡2.25             | 10                      | 30.00  | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.8                    | 0.83                       | 10                      | 24.00  | 1.20                            | 2.1                            | 1.4                             | 0.30                   | 10                      |
| 5.0  | 1.9                             | 0.6                    | 0.83                       | 10                      | 22.00  | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 3.2                             | 0.7                    | 0.83                       | 10                      | 28.00  | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 3.0                             | 0.8                    | 0.83                       | 10                      | 20.00  | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 3.7                             | 1.0                    | 0.83                       | 10                      | 36.00  | 1.35                            | 3.7                            | 2.4                             | 0.33                   | 10                      |

z—Minimum 500 watts.

†2-wire service.

‡3-wire service.

x—Per 100 watts—min. \$2.00 max. \$5.00.

a—\$1.00 or \$1.00 per kw.

## STATEMENT

**Cost of Power to Municipalities and Rates to Customers for  
for the Year 1950, in Urban Municipalities Served**

| Municipality<br><br>C—City<br>T—Town<br>(Pop. 2,000 or more) | Annual cost to<br>the Commission<br>on the works to<br>serve electrical<br>energy to munici-<br>pality on a<br>kilowatt basis | Domestic service                  |                                  |                            |                                   |                                     |   |
|--|---|-----------------------------------|----------------------------------|----------------------------|-----------------------------------|-------------------------------------|---|
|  |   | Service<br>charge<br>per<br>month | First rate                       |                            | All<br>addition-<br>al per<br>kwh | Minimum<br>gross<br>monthly<br>bill | Prompt<br>pay-<br>ment<br>dis-<br>count |
|  |   |                                   | Number<br>of kwh<br>per<br>month | Per<br>kwh<br>per<br>month |                                   |                                     |   |
|  | \$  | cents                             |                                  | cents                      | cents                             | \$                                  | %                                       |
| Thornton.....  | 52.20   | .....                             | 60                               | 3.8                        | 1.0                               | 1.39                                | 10                                      |
| Thorold.....T  | 29.07   | .....                             | 60                               | 2.1                        | 0.9                               | 0.83                                | 10                                      |
| Tilbury.....T  | 38.63   | .....                             | 60                               | 2.3                        | 0.9                               | 0.83                                | 10                                      |
| Tillsonburg.....T  | 35.39   | .....                             | 60                               | 2.6                        | 0.9                               | 0.83                                | 10                                      |
| Toronto.....C  | 31.34   | .....                             | 60                               | 1.8                        | 1.2                               | 0.83                                | 10                                      |
| Toronto Twp.....   | 33.13   | .....                             | 60                               | 2.7                        | 1.2                               | 1.11                                | 10                                      |
| Tottenham.....   | 48.25   | .....                             | 50                               | 3.5                        | 1.0                               | 1.39                                | 10                                      |
| Trafalgar Twp.....   | 35.26   | .....                             | 60                               | 3.9                        | 1.9                               | x0.83                               | 10                                      |
| Trenton.....T  | 29.18   | .....                             | 60                               | 1.8                        | 0.8                               | 0.83                                | 10                                      |
| Tweed.....   | 40.07   | .....                             | 50                               | 3.8                        | 1.0                               | 0.83                                | 10                                      |
| Uxbridge.....  | 41.24   | .....                             | 60                               | 3.1                        | 1.0                               | 1.11                                | 10                                      |
| Victoria Harbour.....  | 39.85   | .....                             | 60                               | 2.8                        | 1.2                               | 1.11                                | 10                                      |
| Walkerton.....T  | 32.58   | .....                             | 50                               | 3.2                        | 1.1                               | 1.11                                | 10                                      |
| Wallaceburg.....T  | 36.88   | .....                             | 60                               | 2.6                        | 0.8                               | 0.83                                | 10                                      |
| Wardsville.....  | 47.05   | .....                             | 60                               | 3.6                        | 0.9                               | 1.11                                | 10                                      |
| Warkworth.....   | 41.34   | .....                             | 50                               | 3.5                        | 1.2                               | 1.11                                | 10                                      |
| Waterdown.....   | 35.86   | .....                             | 60                               | 2.6                        | 1.0                               | 0.83                                | 10                                      |
| Waterford.....   | 34.67   | .....                             | 60                               | 2.3                        | 0.9                               | 0.83                                | 10                                      |
| Waterloo.....C   | 32.09   | .....                             | 60                               | 2.0                        | 0.9                               | 0.83                                | 10                                      |
| Watford.....   | 43.16   | .....                             | 60                               | 3.1                        | 1.1                               | 0.83                                | 10                                      |
| Waubashene.....  | 34.55   | .....                             | 55                               | 3.0                        | 1.0                               | 1.11                                | 10                                      |
| Welland.....C  | 28.57   | .....                             | 60                               | 1.9                        | 0.8                               | 0.83                                | 10                                      |
| Wellesley.....   | 38.38   | .....                             | 60                               | 3.0                        | 1.2                               | 0.83                                | 10                                      |
| Wellington.....  | 35.42   | .....                             | 60                               | 2.5                        | 0.9                               | 0.83                                | 10                                      |
| West Lorne.....  | 40.96   | .....                             | 60                               | 2.7                        | 0.9                               | 1.11                                | 10                                      |
| Weston.....T   | 31.36   | .....                             | 60                               | 2.3                        | 1.0                               | 0.83                                | 10                                      |
| Westport.....  | 47.82   | .....                             | 50                               | 4.0                        | 1.0                               | 1.94                                | 10                                      |
| Wheatley.....  | 46.27   | .....                             | 60                               | 2.9                        | 1.0                               | 0.83                                | 10                                      |
| Whitby.....T   | 33.21   | .....                             | 60                               | 2.7                        | 1.2                               | 0.83                                | 10                                      |
| Wiarton.....   | 41.36   | .....                             | 50                               | 2.8                        | 0.9                               | 1.11                                | 10                                      |
| Williamsburg.....  | 32.92   | .....                             | 60                               | 2.0                        | 0.8                               | 0.83                                | 10                                      |
| Winchester.....  | 35.84   | .....                             | 60                               | 2.3                        | 1.0                               | 0.83                                | 10                                      |
| Windermere.....  | 52.20   | .....                             | 60                               | 4.0                        | 1.5                               | 2.22                                | 10                                      |
| Windsor.....C  | 35.49   | .....                             | 60                               | 3.0                        | 0.8                               | 0.83                                | 10                                      |
| Wingham.....T  | 37.99   | .....                             | 50                               | 3.2                        | 1.1                               | 1.11                                | 10                                      |
| Woodbridge.....  | 34.04   | .....                             | 60                               | 2.6                        | 0.9                               | 0.83                                | 10                                      |
| Woodstock.....C  | 32.62   | .....                             | 60                               | 2.9                        | 1.0                               | 1.11                                | 10                                      |
| Woodville.....   | 41.96   | .....                             | 50                               | 3.8                        | 1.0                               | 1.11                                | 10                                      |
| Wyoming.....   | 45.57   | .....                             | 60                               | 3.4                        | 1.0                               | 0.83                                | 10                                      |
| York Twp.....  | 31.03   | .....                             | 60                               | 2.2                        | 0.9                               | 0.83                                | 10                                      |
| Zurich.....  | 47.99   | .....                             | 60                               | 3.7                        | 1.2                               | 0.83                                | 10                                      |

xUnder 10 kw 83 cents; over 10 kw \$2.22 in former area No. 1.

Under 10 kw \$1.11; over 10 kw \$2.22 in former area No. 2.



## “C”—Concluded

Domestic Service—Commercial Light Service—Power Service  
by The Hydro-Electric Power Commission of Ontario

| Commercial light service                     |                                 |                        |                            |                         | Power service   |                                 |                                |                                 |                        |                         |
|--|---------------------------------|------------------------|----------------------------|-------------------------|---|---------------------------------|--------------------------------|---------------------------------|------------------------|-------------------------|
| Service charge per 100 watts min 1,000 watts | First 100 hrs per month per kwh | All additional per kwh | Minimum gross monthly bill | Prompt payment discount | Basis of rate 130 hours' monthly use of demand per hp | Service charge per kw per month | First 50 hrs per month per kwh | Second 50 hrs per month per kwh | All additional per kwh | Prompt payment discount |
| cents  | cents                           | cents                  | \$                         | %                       | \$  | \$                              | cents                          | cents                           | cents                  | %                       |
| 5.0  | 3.3                             | 1.0                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 1.5                             | 0.6                    | 0.83                       | 10                      | 18.00   | 1.00                            | 1.4                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 1.9                             | 0.7                    | 0.83                       | 10                      | 18.50   | 1.00                            | 1.5                            | 0.9                             | 0.25                   | 10                      |
| 5.0  | 2.1                             | 0.6                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| z7.5   | 1.9                             | 0.5                    | 0.83                       | 10                      | 21.00   | 1.00                            | 2.0                            | 1.0                             | 0.31                   | 10                      |
|  |                                 |                        |                            |                         |   | b d-c                           | 3.0                            | 1.2                             | 0.60                   |                         |
| 5.0  | 2.3                             | 0.9                    | 1.11                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 3.0                             | 1.0                    | 1.39                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 3.2                             | 1.1                    | 0.83                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 1.6                             | 0.6                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 3.3                             | 1.0                    | 0.83                       | 10                      | 29.00   | 1.35                            | 2.6                            | 1.7                             | 0.33                   | 10                      |
| 5.0  | 2.7                             | 0.8                    | 1.11                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 1.0                    | 1.11                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 2.4                             | 0.9                    | 1.11                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.5                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 3.2                             | 0.8                    | 1.11                       | 10                      | 30.00   | 1.35                            | 2.8                            | 1.8                             | 0.33                   | 10                      |
| 5.0  | 3.0                             | 1.0                    | 1.11                       | 10                      | 32.00   | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |
| 5.0  | 2.1                             | 0.7                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 1.8                             | 0.6                    | 0.83                       | 10                      | 17.00   | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 1.9                             | 0.6                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.8                             | 0.9                    | 0.83                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 2.2                             | 1.0                    | 1.11                       | 10                      | 33.00   | 1.35                            | 3.2                            | 2.1                             | 0.33                   | 10                      |
| 5.0  | 1.7                             | 0.6                    | 0.83                       | 10                      | 17.00   | 1.00                            | 1.3                            | 0.8                             | 0.25                   | 10                      |
| 5.0  | 2.7                             | 1.0                    | 0.83                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 0.7                    | 0.83                       | 10                      | 25.00   | 1.35                            | 2.0                            | 1.3                             | 0.33                   | 10                      |
| 5.0  | 2.4                             | 0.6                    | 1.11                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 1.8                             | 0.7                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 3.5                             | 1.0                    | 1.94                       | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |
| 5.0  | 2.7                             | 0.7                    | 0.83                       | 10                      | 26.00   | 1.35                            | 2.2                            | 1.4                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 1.0                    | 0.83                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 2.3                             | 0.8                    | 1.11                       | 10                      | 33.00   | 1.35                            | 3.2                            | 2.1                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.8                    | 0.83                       | 10                      | 32.00   | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |
| 5.0  | 1.8                             | 0.8                    | 0.83                       | 10                      | 22.00   | 1.20                            | 1.7                            | 1.2                             | 0.30                   | 10                      |
| 5.0  | 4.0                             | 1.5                    | 2.22                       | 10                      | 39.00   | 1.35                            | 4.1                            | 2.7                             | 0.33                   | 10                      |
| 5.0  | 2.5                             | 0.6                    | 0.83                       | 10                      | 20.00   | 1.20                            | 1.4                            | 0.9                             | 0.30                   | 10                      |
| 5.0  | 2.6                             | 0.8                    | 1.11                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 2.2                             | 0.7                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.0                             | 0.8                    | 1.11                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 2.8                             | 0.8                    | 1.11                       | 10                      | 28.00   | 1.35                            | 2.5                            | 1.6                             | 0.33                   | 10                      |
| 5.0  | 2.9                             | 0.7                    | 0.83                       | 10                      | 33.00   | 1.35                            | 3.2                            | 2.1                             | 0.33                   | 10                      |
| 5.0  | 2.0                             | 0.6                    | 0.83                       | 10                      | 19.00   | 1.00                            | 1.5                            | 1.1                             | 0.25                   | 10                      |
| 5.0  | 3.4                             | 0.9                    | 0.83                       | 10                      | 32.00   | 1.35                            | 3.1                            | 2.0                             | 0.33                   | 10                      |

z—Minimum 500 watts.

b—Direct-current service charge \$1.50 per kw per month for first 7½ kw plus \$1.05 per kw for all additional demand.

**STATEMENT "D"****Statistics Relating to the Supply of Electrical Energy to  
Customers in Urban Municipalities Served by The  
Hydro-Electric Power Commission of Ontario**

The following tabulation gives much information that is useful and interesting from the standpoint of customers. Statement "D" lists the revenue, the consumption, the number of customers, unit average costs and consumptions, and other pertinent data for each main class of service in each urban municipal utility receiving power at cost from the Commission.

In the past the Commission has extended the benefits of electrical service to every community that could be reached economically by transmission lines. This practice is still the Commission's policy. Some municipalities are so distant from a source of supply and others have such small power requirements that the charge for delivering power is unavoidably higher than for communities more favourably situated. Even where difficult conditions obtain, however, service is provided if the customers are able and willing to pay the cost.

The accompanying diagram summarizes graphically certain data of statement "D" respecting the average cost to the customer. It shows how comparatively insignificant is the amount of energy sold in municipalities where relatively higher average costs to the customer prevail. With respect to power service, it should be noted that the statistics of statement "D", and of the diagram, cover mainly retail power service supplied to the smaller industrial customers. The average amount of power taken by the industrial customers served by the municipalities is about 50 kilowatts. The Commission serves certain large power customers direct on behalf of the systems of municipalities.

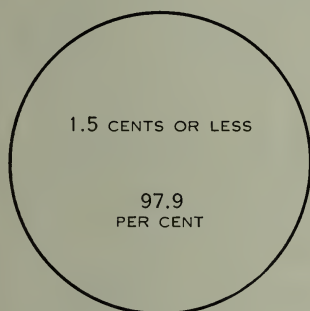
It should be kept in mind that the revenues reported in statement "D", and used for purposes of calculating the net unit costs to the customer, are the total revenues contributed by the customers, and provide, in addition to the cost of power, sums specifically applicable to the retirement of capital, and also operating surplus which is in part applied to retirement of capital or extension of plant and is in part returned in cash to the customers.

It should also be noted that average costs per kilowatt-hour or per horsepower, if employed indiscriminately as a criterion by means of which to compare the rates or prices for electrical service in various municipalities, will give misleading results. The average cost per kilowatt-hour, as given in statement "D" for respective classes of service in each municipality, are statistical results obtained by dividing the respective revenues by the aggregate kilowatt-hours sold. As such, the data reflect the combined influence of a number of factors, of which the rates or prices to customers are but one factor. Owing to the varying influence of factors other than the rates, it is seldom found that in any two municipalities the average cost per kilowatt-hour to the customers, even of the same classification, is in proportion to the respective rates for service. Instances even occur where for a class of customers in one municipality, the average costs per kilowatt-hour are substantially lower than for the same class in another municipality, even though the rates are higher.

**COST OF ELECTRICAL SERVICE TO CUSTOMERS  
IN MUNICIPALITIES SERVED BY  
THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO**

**DOMESTIC SERVICE**

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR DOMESTIC SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CUSTOMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:



1.51 TO 2.49 CENTS

2.0  
PER CENT



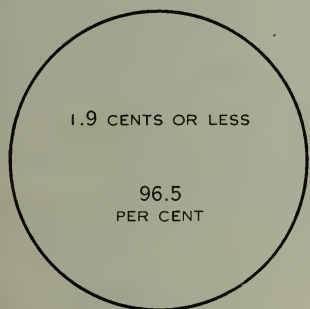
2.5 CENTS  
OR MORE

0.1  
PER CENT



**COMMERCIAL LIGHT SERVICE**

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATT-HOURS SOLD FOR COMMERCIAL LIGHT SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CUSTOMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT-HOUR:



1.91 TO 2.99 CENTS

3.4  
PER CENT



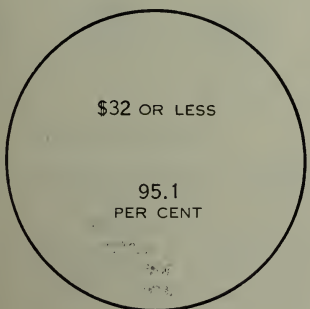
3.0 CENTS  
OR MORE

0.1  
PER CENT



**POWER SERVICE SUPPLIED BY MUNICIPALITIES**

THE AREAS OF THE CIRCLES REPRESENT PROPORTIONATELY THE TOTAL KILOWATTS SOLD FOR POWER SERVICE IN MUNICIPALITIES WHERE THE AVERAGE CHARGE TO CUSTOMERS INCLUSIVE OF ALL CHARGES IS, PER KILOWATT PER YEAR:



OVER \$32 BELOW \$40

4.7  
PER CENT



\$40 OR MORE

0.2  
PER CENT





For domestic service, for example, instances may be observed where two municipalities have identical prices or rates for domestic service, but the average cost per kilowatt-hour to the customer varies by as much as 50 per cent or more. Such variations are due principally to differences in the extent of utilization of the service for the operation of electric ranges, water-heaters, and other appliances, an indication of which is afforded by the statistics of average monthly consumption.

For power service, average unit costs are still less reliable as an indication of the relative rates for service in different municipalities. In the case of hydro-electric power supplied to industries at cost, the rate schedules incorporate charges both for demand and for energy consumption, and thus, although the quantity of power taken by a customer—that is, the demand as measured in kilowatts (or horsepower)—is the most important factor affecting costs and revenues, it is not the only one. The number of hours the power is used in the month or year—which determines the energy consumption in kilowatt-hours—also affects the costs and revenues. Consequently, in two municipalities charging the same rates for power service, the average cost per kilowatt to the customer will vary with the customers' average number of hours use of the power per month. A greater average energy consumption per kilowatt increases the average cost per kilowatt and decreases the average cost per kilowatt-hour to the customer, and *vice versa*.\*

\*In view of the fact that the data of statement "D" have been misinterpreted in the making of certain comparisons as to the cost of electricity in various territories, it is desirable to add a word of caution respecting their significance. Essentially, the average cost or revenue per kilowatt-hour is *not a criterion of rates* even with similar forms of rate schedules and for the same class of service. Particularly is this true when revenues and consumptions of all classes of service and of all kinds of rate schedules are indiscriminately lumped together in order to deduce a so-called "average cost or rate per kilowatt-hour" for all services.

*In one community rates for each class of service, and the cost to every customer in each class for any given service and consumption, may be substantially higher than in another community, and yet there may be in the former community a lower "average revenue per kilowatt-hour."*

EXAMPLE.—Assume sales of electrical energy by two electrical utilities, A and B, in each case 10,000,000 kilowatt-hours.

| Class of service    | CASE A<br>Higher rates and lower revenues<br>per kilowatt-hour |              |         | CASE B<br>Lower rates and higher revenues<br>per kilowatt-hour |              |         |
|---------------------|--|--------------|---------|--|--------------|---------|
|                     | Energy sales   | Rate per kwh | Revenue | Energy sales   | Rate per kwh | Revenue |
|                     | kwh  | cents        | \$      | kwh  | cents        | \$      |
| Residence.....      | 1,000,000  | 4            | 40,000  | 3,000,000  | 3            | 90,000  |
| Power.....          | 9,000,000  | 1            | 90,000  | 7,000,000  | 0.75         | 52,500  |
| Total.....          | 10,000,000   | ....         | 130,000 | 10,000,000   | ....         | 142,500 |
| Average revenue.... | 1.3 cents per kwh  |              |         | 1.425 cents per kwh  |              |         |

It will be observed that in Case A the rates both for residence and for power service are 33 per cent *higher* than in Case B, but the *average revenue* per kilowatt-hour is nearly 9 per cent less.

In this instance, the explanation lies in the *relative quantities* of energy sold to each class. Service to large power customers entails a smaller capital investment in distribution lines and equipment and lower operating costs per kilowatt-hour delivered, than does service to domestic and to commercial light customers, and even where the rates for all classes of service are low, produces a smaller average revenue per kilowatt-hour. Consequently, if one electrical utility as compared with another sells a larger proportion of its energy for power purposes, its "average revenue per kilowatt-hour" may easily be lower than that of the other utility even though its rates for every class of service are substantially higher.

Although the statistics of statement "D" are valueless as a means of comparing the *rates* in one municipality with those in another, they nevertheless fulfil a function in affording a general measure of the *economy of service* to customers in the co-operating Ontario municipalities—an economy that has resulted primarily from the low rates themselves, and secondarily from the extensive use of the service that has been made possible by the low rates.

Actual bills rendered to typical customers for similar service under closely comparable circumstances constitute the best basis for making comparisons. In researches respecting rates to customers therefore the actual *rates schedules* of statement "C" should be employed and not statistics of average revenues per kilowatt-hour.

In any consideration of the relative economies of electrical service in the various municipalities—whether based on the actual rates for service as given in statement "C", or on the statistics resulting from the rates and other factors as presented in statement "D"—full account should be taken respectively of the influence upon costs of such factors as the size of the municipality, the distance from the source of power, the features of the power developments, the sizes and concentrations of adjacent markets for electricity, and the sizes and characters of the loads supplied under the various classifications by the local electrical utility to the customers.

In statement "D" account has been taken of the sizes of municipalities by grouping them according to whether they are (i) cities—over 10,000 population; (ii) suburban areas densely populated; (iii) towns of 2,000 to 10,000 population; or (iv) small towns less than 2,000 population, villages, and suburban areas in townships. The populations are also given, and the situation of any municipality with respect to transmission lines and power supplies may be ascertained by consulting the maps at the end of the Report.

A feature of the electrical service in Ontario municipalities served by the Commission is the strikingly large annual consumption per domestic customer as the following summary illustrates.

| Type of municipality          | Number | Annual consumption per domestic customer |                    |                    |                        |
|-------------------------------|--------|--|--------------------|--------------------|------------------------|
|                               |        | 1,000 to 1,999 kwh                       | 2,000 to 2,999 kwh | 3,000 to 3,999 kwh | In excess of 4,000 kwh |
| Cities .....                  | 27     | 0  | 3                  | 15                 | 9                      |
| Populous suburban areas ..... | 9      | 0  | 1                  | 4                  | 4                      |
| Towns .....                   | 88     | 15                                       | 26                 | 36                 | 11                     |
| Villages, etc. ....           | 188    | 82                                       | 69                 | 30                 | 7                      |
| Totals .....                  | 312    | 97                                       | 99                 | 85                 | 31                     |

The high average consumption for domestic service results essentially from the policy of the undertaking in providing service "at cost"; rate schedules designed according to this principle automatically encourage liberal use of the service. Under the standard rate schedules employed by Ontario municipalities, follow-up rates of 0.8 to 1.2 cents (less 10 per cent) are in common use. The cost of electric cooking is within reach of most of the domestic customers in Ontario. Low flat rates are also available for continuous electric water-heaters.

## STATEMENT

Statistics Relating to the Supply of Electrical Energy to Customers  
For Domestic Service, for Commercial Light Service,

## Group I—CITIES

| Municipality                 | System | Popula-<br>tion | Domestic service |             |                             |  |                            |                               |
|------------------------------|--------|-----------------|------------------|-------------|-----------------------------|--|----------------------------|-------------------------------|
|                              |        |                 | Revenue          | Consumption | Number<br>of cus-<br>tomers | Monthly<br>consumption<br>per customer | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour |
|                              |        |                 | \$               | kwh         |                             | kwh                                    | \$                         | cents                         |
| Belleville.....              | S.O.   | 19,220          | 202,296.08       | 25,517,338  | 5,209                       | 408                                    | 3.24                       | 0.79                          |
| Brantford.....               | S.O.   | 36,532          | 325,064.70       | 34,765,189  | 9,645                       | 300                                    | 2.81                       | 0.94                          |
| Chatham.....                 | S.O.   | 21,223          | 184,655.86       | 12,107,085  | 5,557                       | 182                                    | 2.77                       | 1.52                          |
| Fort William.....            | T.B.   | 34,409          | 450,333.56       | 68,151,840  | 9,475                       | 599                                    | 3.96                       | 0.66                          |
| Galt.....                    | S.O.   | 18,306          | 179,080.53       | 16,876,755  | 5,270                       | 267                                    | 2.83                       | 1.06                          |
| Guelph.....                  | S.O.   | 26,617          | 250,964.42       | 23,818,041  | 6,847                       | 290                                    | 3.05                       | 1.05                          |
| Hamilton.....                | S.O.   | 196,246         | 1,661,396.42     | 156,404,273 | 52,159                      | 250                                    | 2.65                       | 1.06                          |
| Kingston.....                | S.O.   | 32,924          | 386,439.94       | 46,270,244  | 9,805                       | 393                                    | 3.28                       | 0.83                          |
| Kitchener.....               | S.O.   | 43,084          | 477,051.51       | 44,463,920  | 11,075                      | 335                                    | 3.59                       | 1.07                          |
| London.....                  | S.O.   | 94,027          | 872,793.44       | 90,860,854  | 24,627                      | 308                                    | 2.95                       | 0.96                          |
| Niagara Falls.....           | S.O.   | 21,737          | 179,888.19       | 21,230,528  | 5,781                       | 306                                    | 2.59                       | 0.85                          |
| North Bay.....               | N.O.P. | 18,295          | 175,963.27       | 17,475,790  | 4,324                       | 337                                    | 3.39                       | 1.01                          |
| Oshawa.....                  | S.O.   | 29,771          | 362,445.75       | 32,249,733  | 8,182                       | 328                                    | 3.69                       | 1.12                          |
| Ottawa.....                  | S.O.   | 193,319         | 2,225,928.18     | 272,940,891 | 50,143                      | 454                                    | 3.70                       | 0.82                          |
| Owen Sound.....              | S.O.   | 16,428          | 166,419.54       | 14,215,128  | 4,475                       | 264                                    | 3.09                       | 1.17                          |
| Peterborough.....            | S.O.   | 36,716          | 389,012.42       | 41,198,400  | 9,665                       | 355                                    | 3.35                       | 0.94                          |
| Port Arthur.....             | T.B.   | 31,842          | 357,765.95       | 39,682,290  | 8,362                       | 396                                    | 3.56                       | 0.90                          |
| St. Catharines.....          | S.O.   | 37,543          | 328,146.75       | 33,227,314  | 10,377                      | 267                                    | 2.64                       | 0.95                          |
| St. Thomas.....              | S.O.   | 19,807          | 206,831.11       | 20,538,537  | 5,291                       | 324                                    | 3.26                       | 1.01                          |
| Sarnia.....                  | S.O.   | 23,550          | 227,012.78       | 18,047,807  | 6,369                       | 236                                    | 2.97                       | 1.26                          |
| Stratford.....               | S.O.   | 18,836          | 213,190.12       | 20,557,151  | 5,168                       | 331                                    | 3.44                       | 1.04                          |
| Sudbury.....                 | N.O.P. | 47,054          | 430,548.53       | 37,271,454  | 10,410                      | 298                                    | 3.45                       | 1.16                          |
| Toronto.....                 | S.O.   | 667,487         | 6,012,212.49     | 609,864,790 | 157,058                     | 324                                    | 3.19                       | 0.99                          |
| Toronto d-c & 60 cycle*..... |        |                 | 3,644.74         | 309,011     | 113                         | 228                                    | 2.69                       | 1.18                          |
| Waterloo.....                | S.O.   | 11,465          | 125,053.96       | 13,963,904  | 3,024                       | 385                                    | 3.45                       | 0.90                          |
| Welland.....                 | S.O.   | 15,729          | 80,641.03        | 8,082,332   | 3,614                       | 186                                    | 1.86                       | 1.00                          |
| Windsor.....                 | S.O.   | 121,011         | 1,098,079.16     | 95,344,018  | 29,565                      | 269                                    | 3.10                       | 1.15                          |
| Woodstock.....               | S.O.   | 14,710          | 166,606.51       | 15,659,193  | 4,175                       | 313                                    | 3.33                       | 1.06                          |

## Group II—VOTED AREAS adjacent to

|                      |      |        |            |            |        |     |      |      |
|----------------------|------|--------|------------|------------|--------|-----|------|------|
| Brantford Twp.....   | S.O. |        | 144,243.80 | 12,316,143 | 2,986  | 344 | 4.03 | 1.17 |
| East York Twp.....   | S.O. | 60,155 | 616,002.88 | 56,753,988 | 16,152 | 293 | 3.18 | 1.10 |
| Etobicoke Twp.....   | S.O. |        | 591,422.96 | 65,093,056 | 13,643 | 398 | 3.61 | 0.91 |
| London Twp.....      | S.O. |        | 30,975.25  | 2,706,723  | 724    | 312 | 3.57 | 1.14 |
| North York Twp.....  | S.O. |        | 983,061.14 | 87,613,539 | 22,451 | 325 | 3.65 | 1.10 |
| Scarborough Twp..... | S.O. |        | 417,471.17 | 34,640,698 | 11,849 | 244 | 2.94 | 1.20 |
| Stamford Twp.....    | S.O. | 15,633 | 161,287.23 | 16,509,886 | 4,109  | 335 | 3.27 | 0.98 |
| Toronto Twp.....     | S.O. |        | 276,356.10 | 25,297,257 | 5,480  | 385 | 4.20 | 1.10 |
| York Twp.....        | S.O. | 95,669 | 871,508.94 | 89,394,350 | 26,089 | 286 | 2.78 | 0.97 |

\*This—with the exception of a relatively small d-c power load—is a special service not created by the Commission but acquired through the purchase of a privately-owned company. It does not include street railway power.



“D”

in Ontario Urban Municipalities Served by the Commission  
and for Power Service during the year 1950

Population, 10,000 or more

| Commercial light service |             |                     |                                  |                      |                            | Power service |                     |   | Total number of customers |
|--------------------------|-------------|---------------------|----------------------------------|----------------------|----------------------------|---------------|---------------------|---|---------------------------|
| Revenue                  | Consumption | Number of customers | Monthly consumption per customer | Average monthly bill | Net cost per kilowatt-hour | Revenue       | Number of customers | Average monthly total of power customers' loads |                           |
| \$                       | kwh         |                     | kwh                              | \$                   | cents                      | \$            | kw                  |   |                           |
| 108,873.19               | 9,206,530   | 729                 | 1,052                            | 12.45                | 1.18                       | 89,095.16     | 138                 | 4,071.9   | 6,076                     |
| 153,689.75               | 13,190,895  | 1,555               | 707                              | 8.24                 | 1.17                       | 504,239.16    | 251                 | 20,674.2  | 11,451                    |
| 188,862.75               | 10,986,220  | 1,009               | 907                              | 15.60                | 1.72                       | 218,330.25    | 161                 | 6,964.3   | 6,727                     |
| 193,412.96               | 18,845,548  | 1,382               | 1,136                            | 11.66                | 1.20                       | 390,099.38    | 197                 | 16,176.7  | 11,054                    |
| 90,395.61                | 5,659,032   | 603                 | 782                              | 12.49                | 1.60                       | 233,163.18    | 161                 | 9,712.4   | 6,034                     |
| 98,916.99                | 7,490,132   | 851                 | 733                              | 9.69                 | 1.32                       | 244,387.64    | 176                 | 10,025.0  | 7,874                     |
| 824,134.54               | 70,561,505  | 6,540               | 899                              | 10.50                | 1.17                       | 3,914,085.40  | 1,271               | 152,341.5                                       | 59,970                    |
| 215,554.34               | 18,890,710  | 1,265               | 1,244                            | 14.19                | 1.14                       | 234,967.36    | 207                 | 9,901.9   | 11,277                    |
| 251,040.60               | 16,741,514  | 1,349               | 1,034                            | 15.51                | 1.50                       | 751,096.86    | 363                 | 24,651.3  | 12,787                    |
| 371,330.81               | 30,597,911  | 2,370               | 1,076                            | 13.06                | 1.21                       | 732,928.18    | 420                 | 29,406.7  | 27,417                    |
| 120,254.58               | 10,315,092  | 939                 | 915                              | 10.67                | 1.17                       | 155,862.10    | 139                 | 6,765.7   | 6,859                     |
| 90,013.10                | 6,776,028   | 788                 | 717                              | 9.52                 | 1.33                       | 78,485.28     | 102                 | 2,527.7   | 5,214                     |
| 131,144.89               | 7,721,070   | 907                 | 709                              | 12.05                | 1.70                       | 550,700.76    | 162                 | 17,031.1  | 9,251                     |
| 1,630,131.02             | 126,162,965 | 6,853               | 1,534                            | 19.82                | 1.29                       | 768,056.28    | 972                 | 33,137.6  | 57,969                    |
| 92,483.15                | 5,881,460   | 676                 | 787                              | 12.37                | 1.57                       | 117,377.53    | 117                 | 4,814.2   | 5,268                     |
| 163,321.76               | 11,611,698  | 1,324               | 731                              | 10.28                | 1.41                       | 347,814.08    | 210                 | 13,558.1  | 11,199                    |
| 188,569.16               | 15,328,735  | 1,121               | 1,139                            | 14.00                | 1.23                       | 432,652.19    | 147                 | 26,501.1  | 9,630                     |
| 178,116.83               | 13,593,342  | 1,332               | 850                              | 11.14                | 1.31                       | 611,436.40    | 265                 | 24,149.4  | 11,974                    |
| 91,347.52                | 7,567,019   | 665                 | 948                              | 11.45                | 1.21                       | 133,629.04    | 100                 | 5,301.4   | 6,056                     |
| 120,573.18               | 8,211,466   | 800                 | 855                              | 12.56                | 1.47                       | 352,848.04    | 109                 | 8,887.0   | 7,278                     |
| 73,077.15                | 5,085,073   | 685                 | 619                              | 8.89                 | 1.44                       | 92,825.53     | 141                 | 3,941.1   | 5,994                     |
| 202,019.05               | 12,182,352  | 1,328               | 764                              | 12.67                | 1.66                       | 74,225.85     | 157                 | 2,740.8   | 11,895                    |
| 4,413,789.32             | 324,214,379 | 26,600              | 1,016                            | 13.83                | 1.36                       | †6,654,289.67 | 5,404               | 213,583.5                                       | 189,062                   |
| 74,581.10                | 4,227,291   | 232                 | 1,518                            | 26.79                | 1.76                       | 243,777.50    | 600                 | 7,737.5   | 945                       |
| 49,424.24                | 3,609,756   | 311                 | 967                              | 13.24                | 1.37                       | 123,897.26    | 86                  | 4,278.2   | 3,421                     |
| 69,460.43                | 5,556,240   | 583                 | 794                              | 9.93                 | 1.25                       | 250,072.29    | 103                 | 9,739.9   | 4,300                     |
| 644,827.71               | 42,912,824  | 3,915               | 913                              | 13.73                | 1.50                       | 1,141,242.19  | 621                 | 41,459.2  | 34,101                    |
| 90,773.64                | 6,010,978   | 560                 | 895                              | 13.51                | 1.51                       | 163,078.43    | 125                 | 6,426.0   | 4,860                     |

cities and which are predominantly urban

|            |            |       |       |       |      |            |     |          |        |
|------------|------------|-------|-------|-------|------|------------|-----|----------|--------|
| 20,607.67  | 907,013    | 122   | 620   | 14.08 | 2.27 | 19,408.95  | 17  | 575.9    | 3,125  |
| 69,993.67  | 5,257,762  | 698   | 628   | 8.36  | 1.30 | 111,098.83 | 91  | 4,223.1  | 16,941 |
| 109,193.83 | 8,336,867  | 828   | 839   | 10.99 | 1.31 | 159,510.24 | 149 | 6,376.8  | 14,620 |
| 3,773.49   | 236,567    | 19    | 1,038 | 16.55 | 1.59 | 1,557.10   | 4   | 49.7     | 747    |
| 146,873.59 | 8,364,430  | 1,171 | 595   | 10.45 | 1.80 | 186,475.94 | 148 | 6,897.3  | 23,770 |
| 111,457.57 | 8,363,937  | 939   | 742   | 9.89  | 1.30 | 122,733.84 | 136 | 5,107.3  | 12,924 |
| 38,916.82  | 2,268,206  | 284   | 666   | 11.42 | 1.70 | 36,069.73  | 33  | 1,475.2  | 4,426  |
| 51,050.45  | 3,155,659  | 417   | 631   | 10.20 | 1.60 | 103,712.21 | 95  | 3,569.7  | 5,992  |
| 180,037.81 | 12,215,840 | 1,645 | 619   | 9.12  | 1.50 | 293,890.18 | 303 | 11,202.8 | 28,037 |

†Does not include street railway power.

## STATEMENT

Statistics Relating to the Supply of Electrical Energy to Customers  
For Domestic Service, for Commercial Light Service,

## Group III—TOWNS

| Municipality        | System | Population | Domestic service |             |                     |                                  |                      |                            |
|---------------------|--------|------------|------------------|-------------|---------------------|----------------------------------|----------------------|----------------------------|
|                     |        |            | Revenue          | Consumption | Number of customers | Monthly consumption per customer | Average monthly bill | Net cost per kilowatt-hour |
|                     |        |            | \$               | kwh         |                     | kwh                              | \$                   | cents                      |
| Acton.....          | S.O.   | 3,030      | 30,311.79        | 2,890,158   | 786                 | 306                              | 3.21                 | 1.05                       |
| Alexandria.....     | S.O.   | 2,163      | 16,537.75        | 1,094,758   | 566                 | 161                              | 2.43                 | 1.51                       |
| Almonte.....        | S.O.   | 2,527      | 24,947.04        | 2,485,018   | 738                 | 281                              | 2.82                 | 1.00                       |
| Amherstburg.....    | S.O.   | 3,444      | 43,094.41        | 3,793,258   | 909                 | 348                              | 3.95                 | 1.14                       |
| Arnrior.....        | S.O.   | 4,326      | 34,111.35        | 3,056,665   | 1,097               | 232                              | 2.59                 | 1.12                       |
| Aurora.....         | S.O.   | 3,697      | 43,287.13        | 4,163,536   | 982                 | 353                              | 3.67                 | 1.04                       |
| Aylmer.....         | S.O.   | 3,481      | 28,049.05        | 2,943,062   | 947                 | 259                              | 2.47                 | 0.95                       |
| Barrie.....         | S.O.   | 12,904     | 137,267.92       | 14,425,313  | 3,333               | 361                              | 3.43                 | 0.95                       |
| Blenheim.....       | S.O.   | 2,439      | 15,643.83        | 1,068,112   | 720                 | 124                              | 1.82                 | 1.47                       |
| Bowmanville.....    | S.O.   | *4,903     | 60,472.96        | 5,107,773   | 1,584               | 269                              | 3.18                 | 1.18                       |
| Brampton.....       | S.O.   | 7,702      | 89,645.94        | 8,759,660   | 2,188               | 334                              | 3.41                 | 1.02                       |
| Brockville.....     | S.O.   | 11,845     | 113,843.83       | 12,015,470  | 3,412               | 293                              | 2.78                 | 0.95                       |
| Burlington.....     | S.O.   | 5,952      | 79,209.34        | 6,946,671   | 1,778               | 326                              | 3.71                 | 1.14                       |
| Carleton Place..... | S.O.   | 4,616      | 36,536.13        | 3,418,610   | 1,270               | 224                              | 2.40                 | 1.07                       |
| Clinton.....        | S.O.   | 2,405      | 28,830.50        | 2,893,054   | 737                 | 328                              | 3.26                 | 1.00                       |
| Cobourg.....        | S.O.   | 7,517      | 77,416.47        | 7,002,409   | 1,968               | 297                              | 3.28                 | 1.10                       |
| Collingwood.....    | S.O.   | 7,305      | 59,990.30        | 4,883,249   | 2,072               | 196                              | 2.41                 | 1.23                       |
| Delhi.....          | S.O.   | 2,506      | 25,230.73        | 1,828,120   | 803                 | 190                              | 2.62                 | 1.38                       |
| Dresden.....        | S.O.   | 2,050      | 13,299.60        | 761,752     | 590                 | 108                              | 1.88                 | 1.74                       |
| Dundas.....         | S.O.   | 6,547      | 53,400.80        | 4,274,668   | 1,971               | 181                              | 2.26                 | 1.25                       |
| Dunnville.....      | S.O.   | 4,440      | 23,880.49        | 1,809,637   | 1,252               | 120                              | 1.59                 | 1.32                       |
| Durham.....         | S.O.   | 2,294      | 16,114.67        | 1,094,785   | 551                 | 166                              | 2.44                 | 1.50                       |
| Elmira.....         | S.O.   | 2,510      | 28,480.07        | 2,544,565   | 692                 | 306                              | 3.43                 | 1.12                       |
| Essex.....          | S.O.   | 2,758      | 20,881.18        | 1,488,510   | 748                 | 166                              | 2.33                 | 1.40                       |
| Exeter.....         | S.O.   | 2,624      | 34,392.18        | 3,039,258   | 784                 | 323                              | 3.66                 | 1.13                       |
| Fergus.....         | S.O.   | 3,291      | 38,451.12        | 3,158,805   | 930                 | 283                              | 3.45                 | 1.22                       |
| Forest Hill.....    | S.O.   | 16,191     | 265,986.02       | 29,623,192  | 4,332               | 570                              | 5.12                 | 0.90                       |
| Georgetown.....     | S.O.   | 3,406      | 43,369.09        | 4,139,773   | 1,157               | 298                              | 3.12                 | 1.05                       |
| Goderich.....       | S.O.   | *4,991     | 65,888.04        | 5,077,595   | 1,585               | 267                              | 3.46                 | 1.30                       |
| Gravenhurst.....    | S.O.   | *3,365     | 28,102.94        | 3,131,825   | 950                 | 275                              | 2.47                 | 0.90                       |
| Grimsby.....        | S.O.   | 2,574      | 22,583.67        | 2,401,380   | 822                 | 244                              | 2.26                 | 0.94                       |
| Hanover.....        | S.O.   | 3,766      | 42,525.36        | 3,467,025   | 1,072               | 269                              | 3.31                 | 1.23                       |
| Hespeler.....       | S.O.   | 3,696      | 37,152.47        | 2,936,171   | 999                 | 245                              | 3.10                 | 1.27                       |
| Humberstone.....    | S.O.   | 3,722      | 20,243.33        | 1,492,577   | 940                 | 132                              | 1.79                 | 1.36                       |
| Huntsville.....     | S.O.   | *3,340     | 29,659.42        | 3,030,890   | 844                 | 293                              | 2.99                 | 0.98                       |
| Ingersoll.....      | S.O.   | 6,431      | 59,059.24        | 4,792,620   | 1,806               | 221                              | 2.73                 | 1.24                       |
| Kincardine.....     | S.O.   | *2,790     | 27,274.57        | 2,052,792   | 863                 | 198                              | 2.63                 | 1.33                       |
| Kingsville.....     | S.O.   | *2,560     | 25,009.42        | 1,918,480   | 818                 | 195                              | 2.55                 | 1.31                       |
| Leamington.....     | S.O.   | *7,525     | 52,522.65        | 4,234,977   | 2,088               | 169                              | 2.10                 | 1.24                       |
| Lindsay.....        | S.O.   | 9,349      | 94,806.09        | 8,969,085   | 2,678               | 279                              | 2.95                 | 1.06                       |

\*Does not include summer population.

## "D"—Continued

in Ontario Urban Municipalities Served by the Commission  
and for Power Service during the year 1950

population 2,000 or more

| Commercial light service |             |                                |  |                            |                               | Power service |                                |  | Total<br>number<br>of<br>cus-<br>tomers |
|--------------------------|-------------|--------------------------------|--|----------------------------|-------------------------------|---------------|--------------------------------|--|---|
| Revenue                  | Consumption | Number<br>of<br>cus-<br>tomers | Monthly<br>consumption<br>per customer | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour | Revenue       | Number<br>of<br>cus-<br>tomers | Average<br>monthly total<br>of power cus-<br>tomers' loads |   |
| \$                       | kwh         |                                | kwh                                    | \$                         | cents                         | \$            |                                | kw   |   |
| 12,560.26                | 805,652     | 116                            | 579                                    | 9.02                       | 1.56                          | 52,008.49     | 23                             | 1,821.2  | 925                                     |
| 13,122.58                | 640,221     | 150                            | 356                                    | 7.29                       | 2.05                          | 6,398.36      | 16                             | 182.4  | 732                                     |
| 9,408.65                 | 526,522     | 116                            | 378                                    | 6.76                       | 1.79                          | 21,516.67     | 28                             | 781.1  | 882                                     |
| 18,187.13                | 1,460,142   | 187                            | 651                                    | 8.11                       | 1.25                          | 15,590.85     | 22                             | 549.2  | 1,118                                   |
| 19,424.11                | 1,400,503   | 186                            | 627                                    | 8.70                       | 1.39                          | 26,920.15     | 30                             | 1,122.9  | 1,313                                   |
| 15,319.05                | 1,530,333   | 146                            | 873                                    | 8.74                       | 1.00                          | 31,872.41     | 29                             | 1,187.3  | 1,157                                   |
| 19,288.89                | 1,613,474   | 210                            | 640                                    | 7.65                       | 1.20                          | 23,722.66     | 28                             | 959.7  | 1,185                                   |
| 76,614.51                | 5,616,640   | 542                            | 864                                    | 11.78                      | 1.36                          | 68,460.70     | 83                             | 2,761.0  | 3,958                                   |
| 16,164.48                | 1,071,786   | 175                            | 510                                    | 7.70                       | 1.51                          | 14,516.07     | 21                             | 462.2  | 916                                     |
| 21,284.16                | 1,205,619   | 201                            | 500                                    | 8.82                       | 1.76                          | 78,726.79     | 31                             | 2,495.1  | 1,816                                   |
| 34,477.64                | 2,380,671   | 321                            | 618                                    | 8.95                       | 1.45                          | 39,136.23     | 72                             | 1,614.1  | 2,581                                   |
| 45,841.09                | 4,040,677   | 505                            | 667                                    | 7.56                       | 1.13                          | 151,367.52    | 88                             | 5,669.0  | 4,005                                   |
| 30,898.73                | 1,840,475   | 210                            | 730                                    | 12.26                      | 1.68                          | 27,069.80     | 26                             | 753.6  | 2,014                                   |
| 16,127.21                | 983,752     | 216                            | 380                                    | 6.22                       | 1.64                          | 35,883.33     | 20                             | 1,409.0  | 1,506                                   |
| 13,246.62                | 818,472     | 154                            | 443                                    | 7.17                       | 1.62                          | 12,299.88     | 23                             | 428.9  | 914                                     |
| 34,405.27                | 2,086,394   | 274                            | 634                                    | 10.46                      | 1.65                          | 52,684.55     | 61                             | 1,905.0  | 2,303                                   |
| 26,800.43                | 1,734,945   | 344                            | 420                                    | 6.49                       | 1.55                          | 50,358.12     | 63                             | 2,329.3  | 2,479                                   |
| 21,972.09                | 1,082,669   | 218                            | 414                                    | 8.40                       | 2.03                          | 9,633.48      | 25                             | 323.8  | 1,046                                   |
| 12,844.04                | 736,788     | 160                            | 384                                    | 6.69                       | 1.74                          | 14,493.58     | 20                             | 516.8  | 770                                     |
| 28,139.84                | 1,791,207   | 244                            | 612                                    | 9.61                       | 1.57                          | 58,266.95     | 49                             | 2,466.4  | 2,264                                   |
| 23,846.04                | 1,755,916   | 278                            | 526                                    | 7.15                       | 1.36                          | 34,138.28     | 32                             | 1,377.5  | 1,562                                   |
| 10,583.74                | 525,865     | 130                            | 337                                    | 6.78                       | 2.00                          | 7,135.10      | 18                             | 227.9  | 699                                     |
| 17,659.75                | 1,045,768   | 143                            | 609                                    | 10.29                      | 1.69                          | 40,867.57     | 28                             | 1,234.8  | 863                                     |
| 17,812.45                | 1,161,313   | 154                            | 628                                    | 9.64                       | 1.54                          | 13,837.78     | 25                             | 589.5  | 927                                     |
| 16,531.81                | 1,023,184   | 160                            | 533                                    | 8.61                       | 1.65                          | 9,619.69      | 22                             | 474.5  | 966                                     |
| 15,182.70                | 910,507     | 130                            | 584                                    | 9.73                       | 1.67                          | 31,166.78     | 18                             | 1,086.8  | 1,078                                   |
| 59,811.56                | 4,128,311   | 390                            | 882                                    | 12.78                      | 1.45                          | 6,535.87      | 42                             | 284.3  | 4,764                                   |
| 15,909.16                | 1,028,515   | 166                            | 516                                    | 7.99                       | 1.55                          | 48,442.05     | 33                             | 1,805.0  | 1,356                                   |
| 32,760.23                | 1,815,630   | 287                            | 527                                    | 9.51                       | 1.80                          | 31,391.98     | 44                             | 1,147.3  | 1,916                                   |
| 15,765.00                | 1,525,766   | 162                            | 785                                    | 8.11                       | 1.03                          | 21,237.39     | 22                             | 846.7  | 1,134                                   |
| 15,483.00                | 1,170,140   | 158                            | 617                                    | 8.17                       | 1.32                          | 12,878.07     | 20                             | 499.9  | 1,000                                   |
| 14,350.26                | 906,692     | 174                            | 434                                    | 6.87                       | 1.58                          | 38,775.11     | 35                             | 1,681.3  | 1,281                                   |
| 13,855.36                | 761,265     | 114                            | 556                                    | 10.13                      | 1.82                          | 106,708.60    | 34                             | 3,256.3  | 1,147                                   |
| 10,024.24                | 681,157     | 132                            | 430                                    | 6.33                       | 1.47                          | 9,262.63      | 15                             | 437.0  | 1,087                                   |
| 25,854.41                | 1,728,542   | 175                            | 823                                    | 12.31                      | 1.50                          | 21,337.99     | 25                             | 840.4  | 1,044                                   |
| 32,120.28                | 2,035,880   | 260                            | 653                                    | 10.29                      | 1.58                          | 76,484.21     | 51                             | 2,846.5  | 2,117                                   |
| 14,841.97                | 718,642     | 150                            | 399                                    | 8.24                       | 2.06                          | 23,023.58     | 23                             | 899.2  | 1,036                                   |
| 16,318.10                | 1,080,057   | 196                            | 459                                    | 6.94                       | 1.51                          | 7,558.90      | 24                             | 317.1  | 1,038                                   |
| 32,701.87                | 2,548,115   | 382                            | 556                                    | 7.13                       | 1.28                          | 45,078.24     | 52                             | 1,594.8  | 2,522                                   |
| 55,998.35                | 3,413,500   | 422                            | 674                                    | 11.06                      | 1.64                          | 59,268.34     | 77                             | 2,390.6  | 3,177                                   |



## STATEMENT

Statistics Relating to the Supply of Electrical Energy to Customers  
For Domestic Service, for Commercial Light Service,

## Group III—TOWNS

| Municipality         | System | Popula-<br>tion | Domestic service |             |                             |  |      | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour |
|----------------------|--------|-----------------|------------------|-------------|-----------------------------|--|------|----------------------------|-------------------------------|
|                      |        |                 | Revenue          | Consumption | Number<br>of cus-<br>tomers | Monthly<br>consumption<br>per customer |      |                            |                               |
|                      |        |                 | \$               | kwh         |                             | kwh                                    | \$   |                            | cents                         |
| Listowel.....        | S.O.   | 3,255           | 37,692.18        | 2,945,840   | 986                         | 249                                    | 3.19 |                            | 1.28                          |
| Long Branch.....     | S.O.   | 8,044           | 73,368.02        | 8,471,470   | 2,224                       | 317                                    | 2.75 |                            | 0.87                          |
| McGarry.....         | N.O.P. | 2,187           | 19,252.93        | 991,273     | 298                         | 277                                    | 5.38 |                            | 1.94                          |
| Meaford.....         | S.O.   | 3,114           | 28,311.10        | 2,115,906   | 985                         | 179                                    | 2.40 |                            | 1.34                          |
| Merritton.....       | S.O.   | 4,572           | 43,480.49        | 4,067,960   | 1,229                       | 276                                    | 2.95 |                            | 1.07                          |
| Midland.....         | S.O.   | *7,260          | 62,989.76        | 6,143,130   | 2,033                       | 252                                    | 2.58 |                            | 1.03                          |
| Milton.....          | S.O.   | 2,405           | 24,951.24        | 2,242,652   | 692                         | 270                                    | 3.00 |                            | 1.11                          |
| Mimico.....          | S.O.   | 10,410          | 115,634.46       | 10,818,595  | 2,920                       | 309                                    | 3.30 |                            | 1.07                          |
| Mount Forest.....    | S.O.   | 2,168           | 18,955.07        | 1,353,670   | 605                         | 186                                    | 2.61 |                            | 1.40                          |
| Napanee.....         | S.O.   | 3,769           | 46,092.44        | 3,961,599   | 1,099                       | 300                                    | 3.50 |                            | 1.16                          |
| Newmarket.....       | S.O.   | 5,036           | 51,681.51        | 5,194,380   | 1,380                       | 314                                    | 3.12 |                            | 0.99                          |
| New Toronto.....     | S.O.   | 10,961          | 90,971.91        | 9,043,053   | 2,372                       | 318                                    | 3.20 |                            | 1.01                          |
| Oakville.....        | S.O.   | 6,371           | 59,009.50        | 4,809,163   | 1,800                       | 223                                    | 2.73 |                            | 1.20                          |
| Orangeville.....     | S.O.   | 3,273           | 31,155.35        | 2,462,230   | 891                         | 230                                    | 2.91 |                            | 1.22                          |
| Paris.....           | S.O.   | 5,134           | 44,641.36        | 4,034,877   | 1,341                       | 251                                    | 2.77 |                            | 1.10                          |
| Parry Sound.....     | S.O.   | 5,148           | 48,558.03        | 2,938,053   | 1,366                       | 179                                    | 2.96 |                            | 1.70                          |
| Penetanguishene..... | S.O.   | 4,793           | 24,818.47        | 1,973,064   | 1,011                       | 163                                    | 2.05 |                            | 1.26                          |
| Perth.....           | S.O.   | 4,786           | 47,322.76        | 3,853,906   | 1,373                       | 234                                    | 2.87 |                            | 1.23                          |
| Petrolia.....        | S.O.   | 3,006           | 22,747.53        | 1,395,421   | 889                         | 131                                    | 2.13 |                            | 1.63                          |
| Pictou.....          | S.O.   | 4,217           | 42,507.34        | 4,453,384   | 1,300                       | 285                                    | 2.72 |                            | 0.95                          |
| Port Colborne.....   | S.O.   | 8,008           | 46,646.48        | 3,458,140   | 1,978                       | 146                                    | 1.97 |                            | 1.35                          |
| Port Credit.....     | S.O.   | 3,342           | 44,513.14        | 4,519,890   | 928                         | 406                                    | 4.00 |                            | 0.98                          |
| Port Dalhousie.....  | S.O.   | *2,368          | 38,120.73        | 3,820,784   | 862                         | 369                                    | 3.69 |                            | 1.00                          |
| Port Dover.....      | S.O.   | *2,442          | 19,398.13        | 1,539,696   | 954                         | 134                                    | 1.69 |                            | 1.26                          |
| Port Hope.....       | S.O.   | 6,131           | 70,723.25        | 7,042,183   | 1,891                       | 310                                    | 3.12 |                            | 1.00                          |
| Prescott.....        | S.O.   | 3,357           | 39,349.37        | 2,753,221   | 915                         | 251                                    | 3.58 |                            | 1.43                          |
| Preston.....         | S.O.   | 7,368           | 70,389.64        | 6,124,778   | 1,939                       | 263                                    | 3.03 |                            | 1.15                          |
| Renfrew.....         | S.O.   | 7,069           | 57,149.43        | 4,175,550   | 1,820                       | 191                                    | 2.62 |                            | 1.37                          |
| Richmond Hill.....   | S.O.   | 2,133           | 26,821.62        | 2,738,598   | 616                         | 370                                    | 3.63 |                            | 0.98                          |
| Ridgetown.....       | S.O.   | 2,211           | 14,013.30        | 1,030,274   | 720                         | 119                                    | 1.62 |                            | 1.36                          |
| Riverside.....       | S.O.   | 8,600           | 92,611.39        | 6,819,230   | 2,524                       | 225                                    | 3.06 |                            | 1.36                          |
| St. Marys.....       | S.O.   | 3,912           | 59,232.35        | 4,507,125   | 1,196                       | 314                                    | 4.13 |                            | 1.32                          |
| Seaforth.....        | S.O.   | 2,072           | 24,935.43        | 1,741,147   | 637                         | 228                                    | 3.26 |                            | 1.43                          |
| Simcoe.....          | S.O.   | 7,078           | 46,366.82        | 4,135,696   | 2,008                       | 172                                    | 1.92 |                            | 1.12                          |
| Sioux Lookout.....   | N.O.P. | 2,225           | 31,261.83        | 1,797,577   | 658                         | 227                                    | 3.95 |                            | 1.70                          |
| Smiths Falls.....    | S.O.   | 8,358           | 93,315.41        | 8,794,893   | 2,372                       | 309                                    | 3.28 |                            | 1.06                          |
| Strathroy.....       | S.O.   | 3,581           | 42,611.29        | 3,981,325   | 1,106                       | 300                                    | 3.21 |                            | 1.07                          |
| Swansea.....         | S.O.   | 7,864           | 112,994.68       | 11,535,050  | 2,405                       | 400                                    | 3.92 |                            | 0.98                          |
| Tecumseh.....        | S.O.   | *3,335          | 27,057.95        | 1,626,980   | 934                         | 145                                    | 2.41 |                            | 1.66                          |
| Thorold.....         | S.O.   | 6,389           | 40,271.44        | 4,049,241   | 1,585                       | 213                                    | 2.12 |                            | 0.99                          |
| Tilbury.....         | S.O.   | 2,848           | 18,218.32        | 1,467,302   | 740                         | 165                                    | 2.05 |                            | 1.24                          |
| Tillsonburg.....     | S.O.   | 4,991           | 40,099.83        | 3,347,535   | 1,533                       | 182                                    | 2.18 |                            | 1.20                          |
| Trenton.....         | S.O.   | 9,766           | 81,464.40        | 10,292,669  | 2,537                       | 338                                    | 2.68 |                            | 0.79                          |
| Walkerton.....       | S.O.   | 3,247           | 33,529.14        | 2,479,128   | 864                         | 239                                    | 3.23 |                            | 1.31                          |
| Wallaceburg.....     | S.O.   | 7,225           | 49,596.32        | 3,736,134   | 1,935                       | 161                                    | 2.14 |                            | 1.33                          |
| Weston.....          | S.O.   | 8,018           | 103,473.02       | 11,176,690  | 2,175                       | 428                                    | 3.96 |                            | 0.93                          |
| Whitby.....          | S.O.   | 7,021           | 63,362.02        | 5,411,863   | 1,365                       | 330                                    | 3.87 |                            | 1.17                          |
| Wingham.....         | S.O.   | 2,611           | 31,992.35        | 2,365,972   | 737                         | 268                                    | 3.62 |                            | 1.35                          |

\*Does not include summer population.

## "D"—Continued

in Ontario Urban Municipalities Served by the Commission  
and for Power Service during the year 1950

population 2,000 or more

| Commercial light service |             |                                |  |                            |                               | Power service |                                |  | Total<br>number<br>of<br>cus-<br>tomers |
|--------------------------|-------------|--------------------------------|--|----------------------------|-------------------------------|---------------|--------------------------------|--|---|
| Revenue                  | Consumption | Number<br>of<br>cus-<br>tomers | Monthly<br>consumption<br>per customer | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour | Revenue       | Number<br>of<br>cus-<br>tomers | Average<br>monthly total<br>of power cus-<br>tomers' loads |   |
| \$                       | kwh         |                                | kwh                                    | \$                         | cents                         | \$            | kw                             |  |   |
| 24,035.80                | 1,361,075   | 187                            | 607                                    | 10.71                      | 1.76                          | 24,833.71     | 33                             | 930.8  | 1,206                                   |
| 18,071.50                | 1,445,647   | 224                            | 538                                    | 6.72                       | 1.25                          | 31,134.73     | 24                             | 1,313.9  | 2,472                                   |
| 7,934.82                 | 638,624     | 55                             | 968                                    | 12.02                      | 1.24                          |               |                                |  | 353                                     |
| 17,322.53                | 976,079     | 189                            | 430                                    | 7.64                       | 1.78                          | 18,759.42     | 26                             | 652.7  | 1,200                                   |
| 10,056.01                | 511,090     | 93                             | 458                                    | 9.01                       | 1.97                          | 304,451.63    | 21                             | 10,233.7   | 1,343                                   |
| 28,308.89                | 2,071,715   | 247                            | 699                                    | 9.55                       | 1.37                          | 85,481.44     | 58                             | 4,033.5  | 2,338                                   |
| 11,766.97                | 802,546     | 154                            | 434                                    | 6.37                       | 1.47                          | 39,375.13     | 23                             | 1,257.9  | 869                                     |
| 27,928.76                | 1,967,035   | 236                            | 695                                    | 9.86                       | 1.42                          | 31,522.76     | 40                             | 1,107.8  | 3,196                                   |
| 13,982.50                | 805,165     | 160                            | 419                                    | 7.28                       | 1.70                          | 10,077.97     | 19                             | 396.7  | 784                                     |
| 31,707.51                | 1,804,267   | 241                            | 624                                    | 10.96                      | 1.76                          | 18,925.70     | 30                             | 674.0  | 1,370                                   |
| 25,693.16                | 1,441,084   | 213                            | 564                                    | 10.05                      | 1.78                          | 34,355.65     | 41                             | 1,184.7  | 1,634                                   |
| 45,101.61                | 3,584,135   | 294                            | 1,016                                  | 12.78                      | 1.26                          | 309,234.33    | 56                             | 10,467.6   | 2,722                                   |
| 45,528.22                | 2,240,934   | 252                            | 741                                    | 15.06                      | 2.00                          | 72,916.23     | 69                             | 2,645.7  | 2,121                                   |
| 21,208.46                | 1,306,662   | 215                            | 506                                    | 8.22                       | 1.62                          | 8,885.51      | 35                             | 463.3  | 1,141                                   |
| 15,279.19                | 1,190,447   | 204                            | 486                                    | 6.24                       | 1.28                          | 34,539.71     | 32                             | 1,611.6  | 1,577                                   |
| 31,758.59                | 1,462,545   | 263                            | 463                                    | 10.06                      | 2.20                          | 14,481.58     | 24                             | 407.3  | 1,653                                   |
| 14,855.22                | 969,910     | 150                            | 539                                    | 8.25                       | 1.53                          | 22,784.59     | 19                             | 807.2  | 1,180                                   |
| 26,247.34                | 1,626,394   | 235                            | 577                                    | 9.31                       | 1.61                          | 23,041.51     | 35                             | 991.8  | 1,643                                   |
| 16,256.01                | 909,025     | 195                            | 389                                    | 6.95                       | 1.7                           | 27,245.91     | 63                             | 727.7  | 1,147                                   |
| 26,876.56                | 2,086,671   | 280                            | 621                                    | 8.00                       | 1.29                          | 15,832.79     | 46                             | 777.1  | 1,626                                   |
| 33,425.45                | 2,042,221   | 282                            | 603                                    | 9.88                       | 1.64                          | 30,782.54     | 32                             | 1,050.4  | 2,292                                   |
| 16,558.39                | 1,132,465   | 136                            | 694                                    | 10.15                      | 1.46                          | 11,832.89     | 17                             | 353.5  | 1,081                                   |
| 7,887.23                 | 654,766     | 79                             | 691                                    | 8.32                       | 1.20                          | 8,870.67      | 12                             | 394.9  | 953                                     |
| 11,020.31                | 756,717     | 179                            | 352                                    | 5.13                       | 1.46                          | 8,744.70      | 21                             | 379.7  | 1,154                                   |
| 29,187.01                | 1,953,909   | 249                            | 654                                    | 9.77                       | 1.49                          | 75,588.60     | 45                             | 2,618.7  | 2,185                                   |
| 20,194.94                | 1,064,668   | 169                            | 525                                    | 9.96                       | 1.90                          | 17,101.00     | 28                             | 747.2  | 1,112                                   |
| 29,945.45                | 1,966,448   | 254                            | 645                                    | 9.82                       | 1.52                          | 86,598.15     | 60                             | 3,607.7  | 2,253                                   |
| 26,361.91                | 1,620,351   | 250                            | 540                                    | 8.79                       | 1.63                          | 56,099.05     | 68                             | 2,011.2  | 2,138                                   |
| 9,483.93                 | 591,212     | 112                            | 440                                    | 7.06                       | 1.60                          | 4,034.22      | 19                             | 257.5  | 747                                     |
| 13,110.18                | 811,628     | 167                            | 405                                    | 6.54                       | 1.62                          | 9,606.55      | 25                             | 409.6  | 912                                     |
| 15,343.39                | 943,196     | 143                            | 550                                    | 8.94                       | 1.63                          | 10,519.00     | 15                             | 314.6  | 2,682                                   |
| 22,339.76                | 999,075     | 209                            | 398                                    | 8.91                       | 2.24                          | 35,196.67     | 42                             | 1,103.5  | 1,447                                   |
| 16,478.91                | 801,388     | 123                            | 543                                    | 11.16                      | 2.06                          | 20,290.36     | 23                             | 750.2  | 783                                     |
| 48,782.21                | 3,947,848   | 457                            | 720                                    | 8.90                       | 1.24                          | 43,886.35     | 70                             | 1,767.6  | 2,535                                   |
| 21,471.50                | 755,323     | 104                            | 605                                    | 17.20                      | 2.80                          | 6,488.01      | 11                             | 147.8  | 773                                     |
| 46,587.46                | 3,181,462   | 345                            | 768                                    | 11.25                      | 1.46                          | 40,298.62     | 47                             | 1,627.1  | 2,764                                   |
| 22,544.92                | 1,410,054   | 219                            | 537                                    | 8.58                       | 1.60                          | 23,082.56     | 39                             | 1,045.0  | 1,364                                   |
| 23,735.94                | 1,421,620   | 135                            | 878                                    | 14.65                      | 1.67                          | 33,496.51     | 28                             | 1,251.9  | 2,568                                   |
| 9,207.46                 | 527,349     | 89                             | 494                                    | 8.62                       | 1.74                          | 9,895.47      | 8                              | 235.0  | 1,031                                   |
| 15,408.20                | 1,409,919   | 180                            | 653                                    | 7.13                       | 1.09                          | 83,660.11     | 34                             | 2,861.0  | 1,799                                   |
| 13,251.87                | 792,656     | 147                            | 449                                    | 7.51                       | 1.67                          | 29,731.55     | 22                             | 1,321.8  | 909                                     |
| 35,554.60                | 2,416,755   | 334                            | 603                                    | 8.87                       | 1.47                          | 34,030.07     | 47                             | 1,338.2  | 1,914                                   |
| 32,570.92                | 2,794,332   | 324                            | 719                                    | 8.38                       | 1.17                          | 106,612.37    | 64                             | 3,590.7  | 2,925                                   |
| 23,018.30                | 1,204,238   | 179                            | 561                                    | 10.71                      | 1.91                          | 17,623.76     | 21                             | 493.1  | 1,064                                   |
| 33,117.47                | 2,498,257   | 326                            | 639                                    | 8.47                       | 1.33                          | 205,990.35    | 69                             | 6,853.4  | 2,330                                   |
| 33,319.38                | 2,360,617   | 243                            | 810                                    | 11.43                      | 1.41                          | 108,791.52    | 50                             | 3,808.6  | 2,468                                   |
| 24,176.91                | 1,419,925   | 202                            | 586                                    | 9.97                       | 1.70                          | 31,736.27     | 35                             | 1,026.5  | 1,602                                   |
| 18,986.17                | 992,047     | 156                            | 530                                    | 10.14                      | 1.91                          | 25,295.35     | 27                             | 722.3  | 921                                     |

## STATEMENT

Statistics Relating to the Supply of Electrical Energy to Customers  
For Domestic Service, for Commercial Light Service,

Group IV—SMALL TOWNS (less than 2,000 population),

| Municipality       | System | Popula-<br>tion | Domestic service |             |                                |  |       | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour |
|--------------------|--------|-----------------|------------------|-------------|--------------------------------|--|-------|----------------------------|-------------------------------|
|                    |        |                 | Revenue          | Consumption | Number<br>of<br>cus-<br>tomers | Monthly<br>consumption<br>per customer |       |                            |                               |
|                    |        |                 | \$               | kwh         |                                | kwh                                    | \$    | cents                      |                               |
| Agincourt.....     | S.O.   | 824             | 12,264.38        | 1,106,421   | 246                            | 375                                    | 4.15  | 1.10                       |                               |
| Ailsa Craig.....   | S.O.   | 481             | 4,977.34         | 355,860     | 168                            | 177                                    | 2.47  | 1.40                       |                               |
| Alliston.....      | S.O.   | 1,829           | 22,077.55        | 1,633,702   | 551                            | 247                                    | 3.34  | 1.40                       |                               |
| Alvinston.....     | S.O.   | 664             | 4,799.76         | 213,700     | 241                            | 74                                     | 1.66  | 2.24                       |                               |
| Ancaster Twp.....  | S.O.   | .....           | 28,466.07        | 2,102,391   | 490                            | 358                                    | 4.84  | 1.35                       |                               |
| Apple Hill.....    | S.O.   | 464             | 2,061.47         | 86,842      | 81                             | 89                                     | 2.12  | 2.40                       |                               |
| Arkona.....        | S.O.   | 361             | 5,060.88         | 302,829     | 135                            | 187                                    | 3.12  | 1.67                       |                               |
| Arthur.....        | S.O.   | 1,158           | 10,314.77        | 540,375     | 300                            | 150                                    | 2.86  | 1.90                       |                               |
| Athens.....        | S.O.   | 781             | 8,483.17         | 315,826     | 242                            | 109                                    | 2.92  | 2.70                       |                               |
| Ayr.....           | S.O.   | 855             | 10,015.93        | 731,970     | 264                            | 231                                    | 3.16  | 1.37                       |                               |
| Baden.....         | S.O.   | 692             | 7,883.83         | 602,210     | 189                            | 266                                    | 3.48  | 1.31                       |                               |
| †Bancroft.....     | S.O.   | 1,220           | 12,227.40        | 264,965     | 311                            | .....                                  | ..... | .....                      |                               |
| †Barry's Bay.....  | S.O.   | 1,294           | 6,471.11         | 111,727     | 233                            | .....                                  | ..... | .....                      |                               |
| Bath.....          | S.O.   | *373            | 5,219.39         | 200,759     | 89                             | 188                                    | 4.89  | 2.60                       |                               |
| Beachville.....    | S.O.   | 656             | 7,081.25         | 611,385     | 203                            | 251                                    | 2.91  | 1.16                       |                               |
| Beamsville.....    | S.O.   | 1,684           | 19,047.17        | 1,999,337   | 507                            | 329                                    | 3.13  | 0.95                       |                               |
| Beaverton.....     | S.O.   | *841            | 12,755.52        | 876,554     | 413                            | 177                                    | 2.57  | 1.50                       |                               |
| Beeton.....        | S.O.   | 576             | 5,686.52         | 302,730     | 176                            | 143                                    | 2.69  | 1.90                       |                               |
| Belle River.....   | S.O.   | 1,358           | 11,579.66        | 653,170     | 470                            | 116                                    | 2.05  | 1.77                       |                               |
| Bloomfield.....    | S.O.   | 616             | 5,353.39         | 404,796     | 209                            | 161                                    | 2.13  | 1.32                       |                               |
| Blyth.....         | S.O.   | 625             | 6,656.64         | 453,530     | 224                            | 169                                    | 2.48  | 1.47                       |                               |
| Bobcaygeon.....    | S.O.   | *1,117          | 16,116.71        | 571,217     | 440                            | 108                                    | 3.05  | 2.82                       |                               |
| Bolton.....        | S.O.   | 818             | 9,151.37         | 808,590     | 240                            | 281                                    | 3.18  | 1.10                       |                               |
| Bothwell.....      | S.O.   | 691             | 4,346.78         | 336,832     | 217                            | 129                                    | 1.67  | 1.30                       |                               |
| Bradford.....      | S.O.   | 1,547           | 16,228.97        | 1,078,720   | 400                            | 225                                    | 3.38  | 1.50                       |                               |
| Braeside.....      | S.O.   | 484             | 2,663.24         | 145,276     | 105                            | 115                                    | 2.11  | 1.80                       |                               |
| Brechin.....       | S.O.   | 266             | 2,324.97         | 101,185     | 61                             | 138                                    | 3.18  | 2.30                       |                               |
| Bridgeport.....    | S.O.   | .....           | 9,920.83         | 798,315     | 272                            | 246                                    | 3.04  | 1.24                       |                               |
| Brigden.....       | S.O.   | 424             | 2,901.15         | 151,380     | 137                            | 92                                     | 1.77  | 1.92                       |                               |
| Brighton.....      | S.O.   | 1,999           | 23,015.84        | 1,866,453   | 611                            | 255                                    | 3.14  | 1.23                       |                               |
| Brussels.....      | S.O.   | 814             | 8,601.36         | 560,725     | 290                            | 161                                    | 2.47  | 1.53                       |                               |
| Burford.....       | S.O.   | 847             | 11,529.46        | 974,039     | 278                            | 291                                    | 3.46  | 1.19                       |                               |
| Burgessville.....  | S.O.   | 222             | 2,803.06         | 151,685     | 67                             | 189                                    | 3.49  | 1.85                       |                               |
| †Burks Falls.....  | S.O.   | 850             | 5,674.02         | 151,900     | 230                            | .....                                  | ..... | .....                      |                               |
| Caledonia.....     | S.O.   | 1,645           | 12,493.52        | 815,922     | 519                            | 131                                    | 2.01  | 1.53                       |                               |
| Campbellville..... | S.O.   | 225             | 2,605.92         | 169,245     | 66                             | 214                                    | 3.29  | 1.50                       |                               |
| Cannington.....    | S.O.   | 856             | 9,180.02         | 595,240     | 304                            | 163                                    | 2.52  | 1.50                       |                               |
| Capreol.....       | N.O.P. | 1,897           | 22,302.83        | 1,590,937   | 542                            | 245                                    | 3.43  | 1.40                       |                               |
| Cardinal.....      | S.O.   | 1,739           | 15,889.28        | 1,191,365   | 448                            | 222                                    | 2.96  | 1.30                       |                               |
| Cayuga.....        | S.O.   | 742             | 6,338.76         | 314,887     | 211                            | 124                                    | 2.50  | 2.02                       |                               |

\*Does not include summer population.

†8 months' operation.

‡10 months' operation.



## "D"—Continued

in Ontario Urban Municipalities Served by the Commission  
and for Power Service during the year 1950

## VILLAGES, AND CERTAIN SUBURBAN AREAS

| Commercial light service |             |                                |  |                            |                               | Power service |                                |  | Total<br>number<br>of<br>cus-<br>tomers |
|--------------------------|-------------|--------------------------------|--|----------------------------|-------------------------------|---------------|--------------------------------|--|---|
| Revenue                  | Consumption | Number<br>of<br>cus-<br>tomers | Monthly<br>consumption<br>per customer | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour | Revenue       | Number<br>of<br>cus-<br>tomers | Average<br>monthly total<br>of power cus-<br>tomers' loads |   |
| \$                       | kwh         |                                | kwh                                    | \$                         | cents                         | \$            | kw                             |  |   |
| 3,480.45                 | 159,910     | 39                             | 342                                    | 7.44                       | 2.20                          | 7,722.58      | 8                              | 221.0  | 293                                     |
| 2,164.65                 | 95,664      | 41                             | 194                                    | 4.40                       | 2.27                          | 2,511.43      | 4                              | 89.6   | 213                                     |
| 12,868.94                | 617,647     | 145                            | 355                                    | 7.40                       | 2.10                          | 9,738.23      | 25                             | 320.6  | 721                                     |
| 3,899.01                 | 173,232     | 58                             | 249                                    | 5.60                       | 2.25                          | 1,741.26      | 7                              | 52.5   | 306                                     |
| 7,821.89                 | 302,809     | 48                             | 526                                    | 13.58                      | 2.58                          | 2,038.63      | 11                             | 76.6   | 549                                     |
| 1,208.22                 | 50,528      | 24                             | 175                                    | 4.20                       | 2.40                          | 478.50        | 1                              | 14.5   | 106                                     |
| 2,622.62                 | 94,848      | 40                             | 198                                    | 5.46                       | 2.76                          | 150.34        | 1                              | 3.7  | 176                                     |
| 8,789.31                 | 362,736     | 91                             | 332                                    | 8.04                       | 2.40                          | 2,994.39      | 9                              | 127.4  | 400                                     |
| 4,253.07                 | 143,562     | 55                             | 218                                    | 6.44                       | 2.96                          | 557.49        | 2                              | 21.7   | 299                                     |
| 4,426.02                 | 210,613     | 52                             | 338                                    | 7.09                       | 2.10                          | 3,926.82      | 8                              | 140.0  | 324                                     |
| 2,968.42                 | 189,645     | 35                             | 452                                    | 7.07                       | 1.56                          | 15,436.38     | 3                              | 510.4  | 227                                     |
| 10,852.52                | 226,348     | 103                            | .....                                  | .....                      | .....                         | 2,059.18      | 4                              | .....  | 418                                     |
| 4,351.85                 | 92,350      | 54                             | .....                                  | .....                      | .....                         | 571.64        | 2                              | .....  | 289                                     |
| 1,386.24                 | 56,000      | 21                             | 222                                    | 5.50                       | 2.47                          | 329.49        | 1                              | 19.4   | 111                                     |
| 784.24                   | 45,368      | 27                             | 140                                    | 2.42                       | 1.73                          | 25,477.70     | 3                              | 787.3  | 233                                     |
| 7,097.32                 | 437,322     | 90                             | 405                                    | 6.57                       | 1.60                          | 3,209.41      | 9                              | 155.9  | 606                                     |
| 5,586.97                 | 348,655     | 82                             | 354                                    | 5.68                       | 1.60                          | 4,865.37      | 13                             | 267.5  | 508                                     |
| 4,230.59                 | 173,765     | 42                             | 345                                    | 8.39                       | 2.40                          | 1,375.07      | 6                              | 51.7   | 224                                     |
| 6,650.50                 | 380,960     | 73                             | 435                                    | 7.59                       | 1.75                          | 2,667.10      | 6                              | 70.4   | 549                                     |
| 4,412.81                 | 231,115     | 49                             | 393                                    | 7.50                       | 1.91                          | 2,250.35      | 8                              | 80.5   | 266                                     |
| 3,699.50                 | 176,960     | 58                             | 254                                    | 5.32                       | 2.09                          | 5,731.40      | 7                              | 148.3  | 289                                     |
| 9,026.14                 | 280,282     | 96                             | 243                                    | 7.84                       | 3.22                          | 879.05        | 3                              | 22.0   | 539                                     |
| 4,638.18                 | 228,332     | 57                             | 334                                    | 6.78                       | 2.00                          | 3,949.82      | 14                             | 162.1  | 311                                     |
| 3,345.81                 | 225,233     | 65                             | 289                                    | 4.29                       | 1.48                          | 2,180.39      | 10                             | 103.7  | 292                                     |
| 13,010.51                | 557,510     | 102                            | 456                                    | 10.63                      | 2.30                          | 12,534.01     | 23                             | 420.1  | 525                                     |
| 596.64                   | 21,910      | 10                             | 183                                    | 4.97                       | 2.70                          | 6,927.59      | 3                              | 209.9  | 118                                     |
| 1,812.64                 | 53,233      | 23                             | 193                                    | 6.57                       | 3.40                          | 859.60        | 1                              | 25.5   | 85                                      |
| 2,801.65                 | 162,448     | 26                             | 521                                    | 8.98                       | 1.72                          | 2,373.89      | 5                              | 95.5   | 303                                     |
| 2,348.94                 | 106,800     | 47                             | 189                                    | 4.17                       | 2.21                          | 3,777.60      | 6                              | 119.1  | 190                                     |
| 9,400.95                 | 529,003     | 135                            | 327                                    | 5.80                       | 1.78                          | 5,939.04      | 11                             | 247.0  | 757                                     |
| 4,624.16                 | 250,685     | 69                             | 303                                    | 5.58                       | 1.84                          | 4,448.20      | 9                              | 128.4  | 368                                     |
| 4,166.57                 | 241,479     | 52                             | 387                                    | 6.68                       | 1.73                          | 3,415.14      | 6                              | 147.9  | 336                                     |
| 1,053.85                 | 49,104      | 21                             | 195                                    | 4.18                       | 2.14                          | 1,412.67      | 3                              | 53.8   | 91                                      |
| 6,288.08                 | 182,470     | 66                             | .....                                  | .....                      | .....                         | 637.31        | 2                              | .....  | 298                                     |
| 9,338.08                 | 615,097     | 117                            | 438                                    | 6.65                       | 1.52                          | 3,838.47      | 10                             | 121.6  | 646                                     |
| 666.07                   | 30,240      | 12                             | 210                                    | 4.63                       | 2.20                          | 404.09        | 1                              | 6.8  | 79                                      |
| 4,032.93                 | 168,270     | 74                             | 189                                    | 4.54                       | 2.40                          | 3,443.43      | 12                             | 152.6  | 390                                     |
| 6,696.90                 | 352,240     | 82                             | 358                                    | 6.81                       | 1.90                          | 8,931.24      | 2                              | 209.9  | 626                                     |
| 5,354.97                 | 291,230     | 64                             | 379                                    | 6.97                       | 1.80                          | 652.17        | 4                              | 24.0   | 516                                     |
| 6,113.95                 | 276,791     | 74                             | 312                                    | 6.89                       | 2.21                          | 5,992.12      | 12                             | 183.8  | 297                                     |

## STATEMENT

Statistics Relating to the Supply of Electrical Energy to Customers  
For Domestic Service, for Commercial Light Service,

## Group IV—SMALL TOWNS (less than 2,000 population),

| Municipality      | System | Popula-<br>tion | Domestic service |             |                                |  |                            |                               |
|-------------------|--------|-----------------|------------------|-------------|--------------------------------|--|----------------------------|-------------------------------|
|                   |        |                 | Revenue          | Consumption | Number<br>of<br>cus-<br>tomers | Monthly<br>consumption<br>per customer | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour |
|                   |        |                 | \$               | kwh         |                                | kwh                                    | \$                         | cents                         |
| Chatsworth.....   | S.O.   | 374             | 3,885.96         | 272,950     | 129                            | 176                                    | 2.51                       | 1.40                          |
| Chesley.....      | S.O.   | 1,707           | 18,328.14        | 1,526,186   | 538                            | 236                                    | 2.83                       | 1.20                          |
| Chesterville..... | S.O.   | 1,165           | 8,602.10         | 768,970     | 298                            | 215                                    | 2.41                       | 1.10                          |
| Chippawa.....     | S.O.   | 1,584           | 13,622.77        | 1,438,015   | 466                            | 257                                    | 2.44                       | 0.90                          |
| Clifford.....     | S.O.   | 451             | 5,308.79         | 367,169     | 150                            | 204                                    | 2.95                       | 1.45                          |
| Cobden.....       | S.O.   | 771             | 6,248.41         | 479,571     | 232                            | 172                                    | 2.24                       | 1.30                          |
| Colborne.....     | S.O.   | 1,114           | 13,389.53        | 984,341     | 358                            | 229                                    | 3.12                       | 1.36                          |
| Coldwater.....    | S.O.   | 640             | 6,005.02         | 421,265     | 177                            | 198                                    | 2.83                       | 1.40                          |
| Comber.....       | S.O.   | 550             | 3,412.62         | 173,180     | 155                            | 93                                     | 1.83                       | 1.97                          |
| Cookstown.....    | S.O.   | 453             | 4,424.49         | 232,715     | 148                            | 131                                    | 2.49                       | 1.90                          |
| Cottam.....       | S.O.   | 504             | 4,716.62         | 304,760     | 168                            | 151                                    | 2.34                       | 1.55                          |
| Courtright.....   | S.O.   | 505             | 2,875.34         | 139,370     | 138                            | 84                                     | 1.74                       | 2.07                          |
| Creemore.....     | S.O.   | 738             | 6,723.64         | 438,376     | 218                            | 168                                    | 2.57                       | 1.50                          |
| Dashwood.....     | S.O.   | 366             | 5,330.58         | 310,284     | 125                            | 207                                    | 3.55                       | 1.72                          |
| Delaware.....     | S.O.   | 332             | 4,007.50         | 340,054     | 90                             | 315                                    | 3.71                       | 1.18                          |
| Deseronto.....    | S.O.   | 1,463           | 15,832.91        | 916,171     | 491                            | 155                                    | 2.69                       | 1.73                          |
| Dorchester.....   | S.O.   | 483             | 5,341.50         | 407,167     | 186                            | 182                                    | 2.39                       | 1.31                          |
| Drayton.....      | S.O.   | 614             | 6,564.10         | 331,298     | 196                            | 141                                    | 2.79                       | 1.98                          |
| Drumbo.....       | S.O.   | 334             | 4,498.37         | 304,467     | 117                            | 217                                    | 3.20                       | 1.47                          |
| Dublin.....       | S.O.   | 201             | 2,904.49         | 176,900     | 71                             | 208                                    | 3.41                       | 1.64                          |
| Dundalk.....      | S.O.   | 804             | 6,594.35         | 435,800     | 247                            | 147                                    | 2.22                       | 1.50                          |
| Dutton.....       | S.O.   | 863             | 4,937.49         | 367,509     | 249                            | 123                                    | 1.65                       | 1.34                          |
| Elmvale.....      | S.O.   | 785             | 7,001.86         | 547,975     | 230                            | 199                                    | 2.54                       | 1.30                          |
| Elmwood.....      | S.O.   | .....           | 2,322.29         | 133,925     | 97                             | 115                                    | 1.99                       | 1.70                          |
| Elora.....        | S.O.   | 1,321           | 14,642.00        | 1,019,232   | 407                            | 209                                    | 3.00                       | 1.44                          |
| Embro.....        | S.O.   | 446             | 6,514.40         | 462,866     | 152                            | 254                                    | 3.57                       | 1.41                          |
| Erieau.....       | S.O.   | *404            | 8,104.05         | 497,688     | 264                            | 157                                    | 2.56                       | 1.63                          |
| Erie Beach.....   | S.O.   | * 59            | 2,267.35         | 62,650      | 118                            | 44                                     | 1.60                       | 3.64                          |
| †Erin.....        | S.O.   | 625             | 5,064.35         | 222,985     | 234                            | .....                                  | .....                      | .....                         |
| Finch.....        | S.O.   | 388             | 4,090.98         | 278,140     | 134                            | 173                                    | 2.54                       | 1.50                          |
| Flesherton.....   | S.O.   | 468             | 4,002.33         | 262,210     | 148                            | 148                                    | 2.25                       | 1.50                          |
| Fonthill.....     | S.O.   | 1,386           | 15,661.37        | 1,393,505   | 399                            | 291                                    | 3.27                       | 1.10                          |
| Forest.....       | S.O.   | 1,793           | 23,191.08        | 1,914,630   | 578                            | 276                                    | 3.34                       | 1.21                          |
| Frankford.....    | S.O.   | 1,323           | 13,579.00        | 666,972     | 354                            | 157                                    | 3.20                       | 2.04                          |
| Glencoe.....      | S.O.   | 922             | 6,582.74         | 365,056     | 294                            | 104                                    | 1.87                       | 1.80                          |
| Grand Valley..... | S.O.   | 591             | 5,674.29         | 366,540     | 222                            | 138                                    | 2.13                       | 1.60                          |
| Granton.....      | S.O.   | 257             | 3,369.58         | 190,764     | 89                             | 179                                    | 3.16                       | 1.77                          |
| Hagersville.....  | S.O.   | 1,696           | 11,776.73        | 806,590     | 484                            | 139                                    | 2.03                       | 1.46                          |
| Harriston.....    | S.O.   | 1,536           | 14,470.07        | 1,138,726   | 436                            | 218                                    | 2.77                       | 1.27                          |
| Harrow.....       | S.O.   | 1,503           | 23,689.04        | 1,743,907   | 433                            | 336                                    | 4.56                       | 1.36                          |

\*Does not include summer population.

†7 months' operation.

## "D"—Continued

in Ontario Urban Municipalities Served by the Commission  
and for Power Service during the year 1950

## VILLAGES, AND CERTAIN SUBURBAN AREAS

| Commercial light service |             |                     |                                  |                      |                            | Power service |                     |   | Total number of customers |
|--------------------------|-------------|---------------------|----------------------------------|----------------------|----------------------------|---------------|---------------------|---|---------------------------|
| Revenue                  | Consumption | Number of customers | Monthly consumption per customer | Average monthly bill | Net cost per kilowatt-hour | Revenue       | Number of customers | Average monthly total of power customers' loads |                           |
| \$                       | kwh         |                     | kwh                              | \$                   | cents                      | \$            | kw                  |   |                           |
| 3,423.66                 | 177,464     | 45                  | 329                              | 6.34                 | 1.90                       | 932.13        | 1                   | 27.2  | 175                       |
| 7,880.86                 | 478,645     | 98                  | 407                              | 6.70                 | 1.60                       | 11,857.46     | 26                  | 504.7   | 662                       |
| 6,167.24                 | 368,635     | 72                  | 382                              | 7.14                 | 1.70                       | 11,269.04     | 6                   | 389.2   | 376                       |
| 3,702.23                 | 269,701     | 55                  | 409                              | 5.61                 | 1.40                       | 1,053.64      | 3                   | 36.3  | 524                       |
| 4,223.39                 | 189,073     | 43                  | 366                              | 8.18                 | 2.23                       | 1,059.92      | 2                   | 24.2  | 195                       |
| 4,781.81                 | 204,468     | 64                  | 266                              | 6.23                 | 2.30                       | 4,458.36      | 6                   | 127.4   | 302                       |
| 6,860.46                 | 309,543     | 83                  | 311                              | 6.89                 | 2.22                       | 1,745.02      | 5                   | 56.8  | 446                       |
| 3,499.60                 | 191,330     | 51                  | 313                              | 5.72                 | 1.80                       | 2,790.81      | 3                   | 79.1  | 231                       |
| 3,534.56                 | 177,140     | 56                  | 264                              | 5.26                 | 1.99                       | 3,854.39      | 8                   | 133.8   | 219                       |
| 2,549.16                 | 74,935      | 40                  | 156                              | 5.31                 | 3.40                       | 1,325.74      | 3                   | 46.9  | 191                       |
| 2,487.52                 | 125,488     | 32                  | 327                              | 6.48                 | 1.98                       | 1,076.39      | 5                   | 42.3  | 205                       |
| 1,714.99                 | 78,241      | 27                  | 242                              | 5.29                 | 2.19                       | 577.04        | 1                   | 9.3   | 166                       |
| 3,697.85                 | 182,978     | 56                  | 272                              | 5.50                 | 2.00                       | 1,243.45      | 3                   | 68.5  | 277                       |
| 2,045.31                 | 80,850      | 29                  | 232                              | 5.88                 | 2.54                       | 1,275.48      | 3                   | 55.4  | 157                       |
| 2,035.85                 | 90,320      | 19                  | 396                              | 8.93                 | 2.26                       |               |                     |   | 109                       |
| 5,466.63                 | 220,129     | 60                  | 306                              | 7.59                 | 2.48                       | 7,080.72      | 16                  | 196.1   | 567                       |
| 1,778.08                 | 73,439      | 33                  | 186                              | 4.49                 | 2.41                       | 1,299.43      | 3                   | 45.5  | 222                       |
| 3,921.33                 | 139,905     | 51                  | 229                              | 6.39                 | 2.79                       | 2,055.51      | 6                   | 78.1  | 253                       |
| 2,599.94                 | 102,871     | 38                  | 226                              | 5.70                 | 2.52                       | 1,389.99      | 2                   | 47.0  | 157                       |
| 1,896.27                 | 79,521      | 33                  | 201                              | 4.79                 | 2.38                       | 1,950.54      | 2                   | 63.4  | 106                       |
| 5,329.66                 | 231,968     | 80                  | 241                              | 5.55                 | 2.30                       | 3,711.42      | 8                   | 196.7   | 327                       |
| 3,762.87                 | 243,739     | 65                  | 313                              | 4.82                 | 1.54                       | 4,464.67      | 10                  | 161.4   | 324                       |
| 4,489.46                 | 260,454     | 66                  | 329                              | 5.67                 | 1.70                       | 3,707.16      | 10                  | 126.7   | 306                       |
| 1,532.90                 | 61,828      | 22                  | 234                              | 5.81                 | 2.50                       | 3,862.58      | 3                   | 95.7  | 122                       |
| 6,474.39                 | 340,155     | 73                  | 388                              | 7.39                 | 1.90                       | 9,594.38      | 8                   | 328.9   | 488                       |
| 1,965.68                 | 91,395      | 39                  | 195                              | 4.20                 | 2.15                       | 2,931.49      | 4                   | 70.0  | 195                       |
| 3,450.45                 | 181,510     | 26                  | 582                              | 11.06                | 1.90                       | 4,890.47      | 4                   | 116.3   | 294                       |
| 312.14                   | 6,875       | 5                   | 115                              | 5.20                 | 4.52                       |               |                     |   | 123                       |
| 3,196.49                 | 118,433     | 61                  |                                  |                      |                            | 544.87        | 2                   |   | 297                       |
| 3,489.75                 | 141,871     | 37                  | 320                              | 7.86                 | 2.46                       | 2,412.84      | 5                   | 52.8  | 176                       |
| 2,969.40                 | 134,560     | 52                  | 216                              | 4.76                 | 2.20                       | 1,286.92      | 2                   | 45.1  | 202                       |
| 3,871.68                 | 223,366     | 49                  | 380                              | 6.58                 | 1.70                       | 1,597.41      | 6                   | 51.0  | 454                       |
| 12,900.04                | 652,647     | 136                 | 400                              | 7.90                 | 1.98                       | 7,786.55      | 22                  | 266.8   | 736                       |
| 6,709.93                 | 237,068     | 68                  | 291                              | 8.22                 | 2.83                       | 1,335.75      | 7                   | 62.3  | 429                       |
| 9,074.34                 | 428,374     | 93                  | 384                              | 8.13                 | 2.12                       | 3,913.84      | 11                  | 141.8   | 398                       |
| 3,675.35                 | 174,003     | 63                  | 230                              | 4.86                 | 2.10                       | 3,973.23      | 11                  | 154.2   | 296                       |
| 1,159.92                 | 33,217      | 28                  | 99                               | 3.45                 | 3.49                       | 209.65        | 1                   | 7.5   | 118                       |
| 10,310.60                | 625,521     | 140                 | 372                              | 6.14                 | 1.65                       | 29,116.36     | 23                  | 1,219.4   | 647                       |
| 9,132.29                 | 441,510     | 116                 | 317                              | 6.56                 | 2.08                       | 12,871.21     | 15                  | 420.9   | 567                       |
| 11,899.79                | 615,034     | 111                 | 462                              | 8.93                 | 1.93                       | 7,929.15      | 8                   | 258.2   | 552                       |



## STATEMENT

Statistics Relating to the Supply of Electrical Energy to Customers  
For Domestic Service, for Commercial Light Service,

## Group IV—SMALL TOWNS (less than 2,000 population),

| Municipality         | System | Popula-<br>tion | Domestic service |             |                                |  |                            |                               |
|----------------------|--------|-----------------|------------------|-------------|--------------------------------|--|----------------------------|-------------------------------|
|                      |        |                 | Revenue          | Consumption | Number<br>of<br>cus-<br>tomers | Monthly<br>consumption<br>per customer | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour |
|                      |        |                 | \$               | kwh         |                                | kwh                                    | \$                         | cents                         |
| Hastings.....        | S.O.   | 800             | 8,218.46         | 442,391     | 314                            | 117                                    | 2.18                       | 1.86                          |
| Havelock.....        | S.O.   | 1,246           | 10,379.08        | 541,563     | 332                            | 136                                    | 2.61                       | 1.92                          |
| Hensall.....         | S.O.   | 666             | 8,016.86         | 568,110     | 230                            | 206                                    | 2.91                       | 1.41                          |
| Highgate.....        | S.O.   | 355             | 2,488.82         | 123,460     | 115                            | 90                                     | 1.80                       | 2.00                          |
| Holstein.....        | S.O.   | 176             | 1,602.61         | 91,870      | 70                             | 109                                    | 1.91                       | 1.70                          |
| Iroquois.....        | S.O.   | 1,036           | 12,206.19        | 978,557     | 348                            | 234                                    | 2.92                       | 1.20                          |
| Jarvis.....          | S.O.   | 644             | 4,039.67         | 241,710     | 173                            | 116                                    | 1.95                       | 1.68                          |
| Kemptville.....      | S.O.   | 1,542           | 16,468.94        | 1,142,730   | 460                            | 207                                    | 2.98                       | 1.40                          |
| Kirkfield.....       | S.O.   | 165             | 1,635.22         | 61,260      | 50                             | 102                                    | 2.73                       | 2.70                          |
| Lakefield.....       | S.O.   | 1,740           | 14,992.51        | 1,180,789   | 481                            | 205                                    | 2.60                       | 1.27                          |
| Lambeth.....         | S.O.   | 867             | 9,473.34         | 747,581     | 261                            | 239                                    | 3.02                       | 1.26                          |
| Lanark.....          | S.O.   | 748             | 5,822.91         | 286,650     | 233                            | 103                                    | 2.08                       | 2.00                          |
| Lancaster.....       | S.O.   | 534             | 3,284.50         | 190,760     | 137                            | 116                                    | 2.00                       | 1.70                          |
| Larder Lake Twp..... | N.O.P. | 1,960           | 20,301.04        | 826,906     | 463                            | 149                                    | 3.65                       | 2.46                          |
| La Salle.....        | S.O.   | 1,580           | 25,498.09        | 1,449,679   | 471                            | 256                                    | 4.51                       | 1.76                          |
| †Latchford.....      | N.O.P. | 532             | 1,504.13         | 33,509      | 99                             | .....                                  | .....                      | .....                         |
| Lucan.....           | S.O.   | 915             | 11,163.15        | 902,442     | 243                            | 309                                    | 3.83                       | 1.24                          |
| Lucknow.....         | S.O.   | 891             | 8,758.09         | 631,296     | 334                            | 157                                    | 2.18                       | 1.40                          |
| Lynden.....          | S.O.   | 434             | 4,803.44         | 386,993     | 124                            | 260                                    | 3.23                       | 1.24                          |
| Madoc.....           | S.O.   | 1,634           | 11,507.24        | 751,100     | 389                            | 161                                    | 2.47                       | 1.53                          |
| Markdale.....        | S.O.   | 966             | 6,671.06         | 580,183     | 257                            | 188                                    | 2.16                       | 1.20                          |
| Markham.....         | S.O.   | 1,562           | 17,085.77        | 1,279,810   | 449                            | 238                                    | 3.17                       | 1.30                          |
| Marmora.....         | S.O.   | 1,081           | 7,658.88         | 393,570     | 299                            | 110                                    | 2.13                       | 1.95                          |
| Martintown.....      | S.O.   | 125             | 1,929.13         | 127,880     | 74                             | 144                                    | 2.17                       | 1.50                          |
| Maxville.....        | S.O.   | 754             | 6,353.54         | 437,630     | 205                            | 178                                    | 2.58                       | 1.50                          |
| Merlin.....          | S.O.   | 573             | 3,614.14         | 215,742     | 150                            | 120                                    | 2.01                       | 1.68                          |
| †Merrickville.....   | S.O.   | 985             | 4,692.62         | 209,360     | 246                            | .....                                  | .....                      | .....                         |
| Mildmay.....         | S.O.   | 838             | 7,153.06         | 549,932     | 227                            | 202                                    | 2.58                       | 1.30                          |
| Millbrook.....       | S.O.   | 772             | 8,101.72         | 449,622     | 227                            | 165                                    | 2.97                       | 1.80                          |
| Milverton.....       | S.O.   | 1,039           | 11,121.69        | 805,989     | 311                            | 216                                    | 2.98                       | 1.38                          |
| Mitchell.....        | S.O.   | 1,920           | 27,566.40        | 2,038,454   | 601                            | 283                                    | 3.83                       | 1.35                          |
| Moorefield.....      | S.O.   | 264             | 2,407.75         | 131,001     | 85                             | 128                                    | 2.36                       | 1.84                          |
| Morrisburg.....      | S.O.   | *1,913          | 17,608.55        | 1,281,969   | 522                            | 205                                    | 2.81                       | 1.40                          |
| Mount Brydges.....   | S.O.   | 633             | 4,619.20         | 367,669     | 211                            | 145                                    | 1.82                       | 1.26                          |
| Neustadt.....        | S.O.   | 457             | 3,394.65         | 185,039     | 145                            | 106                                    | 1.95                       | 1.80                          |
| Newboro.....         | S.O.   | 276             | 3,034.23         | 77,261      | 77                             | 84                                     | 3.28                       | 3.93                          |
| Newburgh.....        | S.O.   | 486             | 4,655.10         | 233,625     | 125                            | 156                                    | 3.10                       | 1.99                          |
| Newbury.....         | S.O.   | 284             | 2,706.68         | 139,889     | 91                             | 128                                    | 2.49                       | 1.95                          |
| Newcastle.....       | S.O.   | *851            | 9,420.77         | 727,523     | 278                            | 218                                    | 2.82                       | 1.29                          |
| New Hamburg.....     | S.O.   | 1,704           | 19,538.64        | 1,539,787   | 451                            | 285                                    | 3.61                       | 1.27                          |

\*Does not include summer population.

†7 months' operation. †6 months' operation.

## "D"—Continued

in Ontario Urban Municipalities Served by the Commission  
and for Power Service during the year 1950

## VILLAGES, AND CERTAIN SUBURBAN AREAS

| Commercial light service |             |                     |                                  |                      |                            | Power service |                     |   | Total number of customers |
|--------------------------|-------------|---------------------|----------------------------------|----------------------|----------------------------|---------------|---------------------|---|---------------------------|
| Revenue                  | Consumption | Number of customers | Monthly consumption per customer | Average monthly bill | Net cost per kilowatt-hour | Revenue       | Number of customers | Average monthly total of power customers' loads |                           |
| \$                       | kwh         |                     | kwh                              | \$                   | cents                      | \$            | kw                  |   |                           |
| 5,637.55                 | 215,483     | 65                  | 276                              | 7.23                 | 2.62                       | 481.44        | 4                   | 16.4  | 383                       |
| 5,549.39                 | 203,064     | 66                  | 256                              | 7.01                 | 2.73                       | 1,984.11      | 2                   | 50.8  | 400                       |
| 4,120.40                 | 185,670     | 61                  | 254                              | 5.63                 | 2.22                       | 6,321.62      | 18                  | 236.4   | 309                       |
| 1,278.23                 | 68,080      | 30                  | 189                              | 3.55                 | 1.88                       | 1,966.14      | 7                   | 89.7  | 152                       |
| 530.88                   | 23,312      | 17                  | 114                              | 2.60                 | 2.30                       | 740.27        | 2                   | 19.9  | 89                        |
| 4,549.64                 | 297,543     | 64                  | 387                              | 5.92                 | 1.50                       | 2,116.92      | 6                   | 62.4  | 418                       |
| 3,541.14                 | 208,160     | 49                  | 354                              | 6.02                 | 1.70                       | 4,058.07      | 5                   | 116.6   | 227                       |
| 8,959.96                 | 480,299     | 95                  | 421                              | 7.86                 | 1.90                       | 8,910.18      | 13                  | 277.9   | 568                       |
| 1,811.97                 | 50,985      | 26                  | 163                              | 5.81                 | 3.60                       |               |                     |   | 76                        |
| 10,881.16                | 686,788     | 89                  | 643                              | 10.19                | 1.58                       | 11,847.23     | 11                  | 455.5   | 581                       |
| 1,897.89                 | 111,926     | 34                  | 274                              | 4.65                 | 1.70                       | 1,421.23      | 7                   | 56.4  | 302                       |
| 4,652.66                 | 197,951     | 51                  | 323                              | 7.60                 | 2.40                       | 1,383.99      | 2                   | 40.5  | 286                       |
| 2,066.81                 | 105,470     | 32                  | 275                              | 5.38                 | 2.00                       |               |                     |   | 169                       |
| 7,727.41                 | 518,534     | 88                  | 491                              | 7.32                 | 1.49                       | 1,545.63      | 5                   | 33.0  | 556                       |
| 6,127.77                 | 236,040     | 29                  | 678                              | 17.61                | 2.60                       | 778.79        | 3                   | 18.5  | 503                       |
| 1,006.40                 | 21,414      | 24                  |                                  |                      |                            | 236.81        | 3                   |   | 126                       |
| 4,069.51                 | 215,138     | 60                  | 299                              | 5.65                 | 1.89                       | 1,194.49      | 3                   | 46.3  | 306                       |
| 5,124.35                 | 237,882     | 102                 | 194                              | 4.19                 | 2.10                       | 8,667.30      | 11                  | 245.4   | 447                       |
| 981.67                   | 42,622      | 16                  | 222                              | 5.11                 | 2.30                       | 1,681.18      | 3                   | 85.6  | 143                       |
| 8,270.95                 | 458,613     | 108                 | 354                              | 6.38                 | 1.80                       | 8,887.02      | 8                   | 289.0   | 505                       |
| 5,444.64                 | 337,627     | 84                  | 335                              | 5.40                 | 1.60                       | 3,748.00      | 9                   | 188.4   | 350                       |
| 6,578.83                 | 473,589     | 102                 | 387                              | 5.37                 | 1.40                       | 4,657.54      | 14                  | 182.1   | 565                       |
| 5,085.47                 | 226,960     | 54                  | 350                              | 7.85                 | 2.24                       | 795.64        | 2                   | 62.9  | 355                       |
| 1,630.93                 | 56,640      | 26                  | 182                              | 5.23                 | 2.90                       | 53.71         | 1                   | 3.1   | 101                       |
| 4,063.29                 | 175,223     | 51                  | 286                              | 6.64                 | 2.30                       |               |                     |   | 256                       |
| 3,605.54                 | 165,338     | 58                  | 238                              | 5.18                 | 2.18                       | 1,943.93      | 4                   | 66.9  | 212                       |
| 2,108.49                 | 160,157     | 56                  |                                  |                      |                            | 2,580.86      | 11                  |   | 313                       |
| 4,355.36                 | 192,188     | 64                  | 250                              | 5.67                 | 2.30                       | 1,526.13      | 6                   | 36.9  | 297                       |
| 4,109.32                 | 106,145     | 57                  | 155                              | 6.01                 | 3.87                       | 788.19        | 3                   | 14.6  | 287                       |
| 7,339.64                 | 316,392     | 82                  | 322                              | 7.46                 | 2.32                       | 7,304.77      | 14                  | 328.7   | 407                       |
| 13,619.49                | 713,771     | 135                 | 441                              | 8.41                 | 1.91                       | 16,203.66     | 25                  | 512.7   | 761                       |
| 1,631.87                 | 70,860      | 35                  | 169                              | 3.89                 | 2.30                       | 1,320.78      | 1                   | 37.5  | 121                       |
| 12,161.40                | 653,919     | 152                 | 359                              | 6.67                 | 1.90                       | 8,974.26      | 30                  | 271.5   | 704                       |
| 1,375.08                 | 77,351      | 49                  | 132                              | 2.34                 | 1.77                       | 1,079.61      | 6                   | 43.6  | 266                       |
| 2,064.12                 | 96,704      | 32                  | 252                              | 5.37                 | 2.10                       | 1,173.58      | 3                   | 27.6  | 180                       |
| 1,902.80                 | 53,172      | 18                  | 246                              | 8.81                 | 3.60                       |               |                     |   | 95                        |
| 1,856.94                 | 74,444      | 25                  | 248                              | 6.19                 | 2.49                       | 954.45        | 4                   | 24.2  | 154                       |
| 1,639.79                 | 77,055      | 23                  | 279                              | 5.94                 | 2.13                       | 212.78        | 1                   | 11.7  | 115                       |
| 4,659.47                 | 279,520     | 43                  | 542                              | 9.03                 | 1.67                       | 7,013.01      | 9                   | 211.3   | 330                       |
| 9,833.37                 | 502,200     | 116                 | 361                              | 7.06                 | 1.96                       | 11,480.16     | 17                  | 504.4   | 584                       |

## STATEMENT

Statistics Relating to the Supply of Electrical Energy to Customers  
For Domestic Service, for Commercial Light Service,

## Group IV—SMALL TOWNS (less than 2,000 population)

| Municipality         | System | Popula-<br>tion | Domestic service |             |                             |  |                            |                               |
|----------------------|--------|-----------------|------------------|-------------|-----------------------------|--|----------------------------|-------------------------------|
|                      |        |                 | Revenue          | Consumption | Number<br>of cus-<br>tomers | Monthly<br>consumption<br>per customer | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour |
|                      |        |                 | \$               | kwh         |                             | kwh                                    | \$                         | cents                         |
| Niagara.....         | S.O.   | 1,939           | 34,868.09        | 3,489,669   | 816                         | 356                                    | 3.56                       | 1.00                          |
| Nipigon Twp.....     | T.B.   |                 | 14,367.26        | 1,124,215   | 397                         | 236                                    | 3.01                       | 1.27                          |
| Norwich.....         | S.O.   | 1,361           | 15,979.49        | 1,508,925   | 446                         | 282                                    | 2.99                       | 1.06                          |
| Norwood.....         | S.O.   | 911             | 9,389.17         | 588,430     | 270                         | 182                                    | 2.90                       | 1.60                          |
| Oil Springs.....     | S.O.   | 420             | 2,884.65         | 190,368     | 128                         | 124                                    | 1.88                       | 1.52                          |
| Omeme.....           | S.O.   | 713             | 5,953.16         | 354,620     | 220                         | 134                                    | 2.25                       | 1.68                          |
| Orono.....           | S.O.   | 561             | 8,526.99         | 455,746     | 223                         | 170                                    | 3.19                       | 1.87                          |
| Otterville.....      | S.O.   | 588             | 5,528.27         | 503,610     | 191                         | 220                                    | 2.41                       | 1.10                          |
| Paisley.....         | S.O.   | 731             | 7,844.37         | 454,710     | 251                         | 151                                    | 2.60                       | 1.70                          |
| Palmerston.....      | S.O.   | 1,577           | 18,616.66        | 1,635,311   | 461                         | 296                                    | 3.37                       | 1.14                          |
| Parkhill.....        | S.O.   | 970             | 12,436.56        | 883,980     | 342                         | 215                                    | 3.03                       | 1.41                          |
| Plattsville.....     | S.O.   | 402             | 5,500.72         | 314,978     | 135                         | 194                                    | 3.40                       | 1.75                          |
| Point Edward.....    | S.O.   | 1,687           | 15,160.44        | 897,058     | 461                         | 162                                    | 2.74                       | 1.69                          |
| Port Elgin.....      | S.O.   | *1,541          | 24,946.39        | 1,407,029   | 650                         | 178                                    | 3.19                       | 1.77                          |
| Port McNicoll.....   | S.O.   | *897            | 7,787.90         | 377,667     | 314                         | 100                                    | 2.07                       | 2.10                          |
| Port Perry.....      | S.O.   | 1,600           | 19,345.13        | 1,144,740   | 478                         | 200                                    | 3.37                       | 1.70                          |
| Port Rowan.....      | S.O.   | 803             | 5,210.66         | 255,410     | 252                         | 84                                     | 1.72                       | 2.05                          |
| Port Stanley.....    | S.O.   | *1,196          | 27,343.04        | 2,091,775   | 1,028                       | 170                                    | 2.22                       | 1.31                          |
| Priceville.....      | S.O.   | 181             | 1,477.40         | 58,273      | 50                          | 97                                     | 2.46                       | 2.50                          |
| Princeton.....       | S.O.   | 321             | 4,207.50         | 307,931     | 109                         | 235                                    | 3.22                       | 1.37                          |
| Queenston.....       | S.O.   | 287             | 4,984.86         | 540,095     | 100                         | 450                                    | 4.15                       | 0.90                          |
| Red Rock.....        | T.B.   | 1,411           | 10,338.10        | 778,740     | 196                         | 331                                    | 4.39                       | 1.30                          |
| Richmond.....        | S.O.   | 556             | 5,382.91         | 329,430     | 154                         | 178                                    | 2.91                       | 1.63                          |
| Ripley.....          | S.O.   | 450             | 5,593.21         | 284,487     | 154                         | 154                                    | 3.02                       | 2.00                          |
| Rockwood.....        | S.O.   | 653             | 8,008.81         | 578,186     | 215                         | 224                                    | 3.10                       | 1.38                          |
| Rodney.....          | S.O.   | 885             | 5,437.65         | 369,090     | 301                         | 102                                    | 1.51                       | 1.48                          |
| Rosseau.....         | S.O.   | *185            | 2,311.92         | 62,270      | 83                          | 63                                     | 2.32                       | 3.70                          |
| Russell.....         | S.O.   | 480             | 5,147.57         | 242,110     | 139                         | 145                                    | 3.09                       | 2.10                          |
| St. Clair Beach..... | S.O.   | *425            | 6,101.52         | 386,540     | 158                         | 204                                    | 3.22                       | 1.58                          |
| St. George.....      | S.O.   | 611             | 5,025.93         | 394,911     | 194                         | 170                                    | 2.16                       | 1.27                          |
| St. Jacobs.....      | S.O.   | 724             | 7,199.32         | 609,710     | 170                         | 299                                    | 3.53                       | 1.18                          |
| Schreiber Twp.....   | T.B.   | 1,849           | 23,371.86        | 699,650     | 418                         | 139                                    | 4.65                       | 3.30                          |
| Shelburne.....       | S.O.   | 1,257           | 10,858.02        | 779,410     | 372                         | 175                                    | 2.43                       | 1.40                          |
| Smithville.....      | S.O.   | 631             | 5,460.51         | 369,510     | 210                         | 146                                    | 2.17                       | 1.50                          |
| Southampton.....     | S.O.   | *1,724          | 19,819.72        | 1,388,215   | 736                         | 157                                    | 2.24                       | 1.40                          |
| Springfield.....     | S.O.   | 494             | 3,778.84         | 202,773     | 131                         | 129                                    | 2.40                       | 1.86                          |
| Stayner.....         | S.O.   | 1,252           | 12,105.79        | 871,296     | 372                         | 195                                    | 2.71                       | 1.40                          |
| Stirling.....        | S.O.   | 1,151           | 12,824.99        | 1,221,803   | 340                         | 299                                    | 3.14                       | 1.05                          |
| Stoney Creek.....    | S.O.   | 1,703           | 23,733.61        | 1,992,667   | 515                         | 322                                    | 3.84                       | 1.19                          |
| Stouffville.....     | S.O.   | 1,664           | 14,884.71        | 1,575,315   | 507                         | 259                                    | 2.45                       | 0.94                          |

\*Does not include summer population.



## "D"—Continued

in Ontario Urban Municipalities Served by the Commission  
and for Power Service during the year 1956

## VILLAGES, AND CERTAIN SUBURBAN AREAS

| Commercial light service |             |                                |  |                            |                               | Power service |                                |  | Total<br>number<br>of<br>cus-<br>tomers |
|--------------------------|-------------|--------------------------------|--|----------------------------|-------------------------------|---------------|--------------------------------|--|---|
| Revenue                  | Consumption | Number<br>of<br>cus-<br>tomers | Monthly<br>consumption<br>per customer | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour | Revenue       | Number<br>of<br>cus-<br>tomers | Average<br>monthly total<br>of power cus-<br>tomers' loads |   |
| \$                       | kwh         |                                | kwh                                    | \$                         | cents                         | \$            | kw                             |  |   |
| 10,469.63                | 730,566     | 112                            | 544                                    | 7.79                       | 1.43                          | 2,952.61      | 14                             | 119.0  | 942                                     |
| 14,825.69                | 1,049,592   | 100                            | 874                                    | 12.35                      | 1.40                          | 1,874.06      | 5                              | 87.2   | 502                                     |
| 8,322.69                 | 494,370     | 101                            | 408                                    | 6.87                       | 1.68                          | 2,729.30      | 10                             | 137.0  | 557                                     |
| 5,250.93                 | 203,710     | 78                             | 218                                    | 5.61                       | 2.58                          | 2,892.26      | 5                              | 103.0  | 353                                     |
| 1,744.40                 | 81,679      | 40                             | 170                                    | 3.63                       | 2.14                          | 5,640.66      | 33                             | 128.9  | 201                                     |
| 2,948.81                 | 119,257     | 39                             | 255                                    | 6.30                       | 2.47                          | 3,299.37      | 8                              | 130.9  | 267                                     |
| 3,140.59                 | 107,199     | 48                             | 186                                    | 5.45                       | 2.93                          | 159.82        | 3                              | 7.5  | 274                                     |
| 3,277.56                 | 162,920     | 62                             | 219                                    | 4.41                       | 2.01                          | 664.53        | 11                             | 36.5   | 264                                     |
| 4,967.15                 | 208,960     | 64                             | 272                                    | 6.41                       | 2.40                          | 2,370.02      | 6                              | 84.8   | 321                                     |
| 9,463.73                 | 523,369     | 107                            | 408                                    | 7.37                       | 1.81                          | 10,561.37     | 22                             | 513.9  | 590                                     |
| 7,348.67                 | 327,570     | 93                             | 294                                    | 6.58                       | 2.24                          | 5,709.60      | 12                             | 156.0  | 447                                     |
| 3,260.91                 | 150,318     | 28                             | 447                                    | 9.71                       | 2.17                          | 4,272.94      | 2                              | 135.6  | 163                                     |
| 5,512.80                 | 221,214     | 63                             | 293                                    | 7.29                       | 2.49                          | 86,959.15     | 13                             | 2,311.8  | 537                                     |
| 13,007.90                | 564,115     | 148                            | 318                                    | 7.43                       | 2.34                          | 6,248.64      | 12                             | 216.6  | 810                                     |
| 2,171.51                 | 87,769      | 25                             | 293                                    | 7.24                       | 2.50                          | 538.18        | 1                              | 12.7   | 340                                     |
| 8,831.65                 | 354,472     | 104                            | 284                                    | 7.08                       | 2.50                          | 3,710.38      | 11                             | 123.8  | 593                                     |
| 5,341.33                 | 290,251     | 72                             | 336                                    | 6.18                       | 1.84                          | 295.12        | 3                              | 26.7   | 327                                     |
| 9,749.90                 | 564,314     | 126                            | 373                                    | 6.45                       | 1.73                          | 19,438.67     | 16                             | 688.6  | 1,170                                   |
| 974.30                   | 38,312      | 13                             | 245                                    | 6.24                       | 2.50                          | .....         | .....                          | .....  | 63                                      |
| 1,458.95                 | 63,830      | 25                             | 213                                    | 4.86                       | 2.28                          | 1,848.20      | 4                              | 90.9   | 138                                     |
| 2,853.29                 | 183,044     | 19                             | 803                                    | 12.51                      | 1.60                          | .....         | .....                          | .....  | 119                                     |
| 8,363.87                 | 481,341     | 19                             | 2,111                                  | 36.68                      | 1.70                          | 645.31        | 2                              | 20.9   | 217                                     |
| 2,174.72                 | 95,380      | 29                             | 274                                    | 6.25                       | 2.30                          | .....         | .....                          | .....  | 183                                     |
| 2,886.65                 | 84,512      | 55                             | 128                                    | 4.37                       | 3.40                          | 2,251.07      | 2                              | 60.3   | 211                                     |
| 2,800.59                 | 140,150     | 38                             | 307                                    | 6.14                       | 2.00                          | 72.16         | 2                              | 2.9  | 255                                     |
| 4,008.71                 | 198,541     | 77                             | 215                                    | 4.34                       | 2.02                          | 3,324.91      | 8                              | 129.6  | 386                                     |
| 2,484.39                 | 73,070      | 17                             | 358                                    | 12.18                      | 3.40                          | .....         | .....                          | .....  | 100                                     |
| 3,347.60                 | 114,579     | 39                             | 245                                    | 7.15                       | 2.90                          | 250.47        | 1                              | 5.8  | 179                                     |
| 2,797.74                 | 128,870     | 13                             | 826                                    | 17.93                      | 2.17                          | 248.28        | 1                              | 7.5  | 172                                     |
| 3,642.74                 | 221,408     | 45                             | 410                                    | 6.75                       | 1.65                          | 3,902.68      | 4                              | 125.3  | 243                                     |
| 3,176.93                 | 161,215     | 39                             | 344                                    | 6.79                       | 1.97                          | 4,666.54      | 8                              | 216.9  | 217                                     |
| 12,083.22                | 370,850     | 54                             | 572                                    | 18.64                      | 3.20                          | 3,380.49      | 3                              | 85.4   | 475                                     |
| 6,916.91                 | 397,410     | 98                             | 338                                    | 5.88                       | 1.70                          | 4,477.19      | 13                             | 199.7  | 483                                     |
| 4,384.32                 | 212,217     | 67                             | 264                                    | 5.45                       | 2.10                          | 12,178.30     | 10                             | 434.4  | 287                                     |
| 9,367.64                 | 393,254     | 91                             | 295                                    | 7.03                       | 2.40                          | 13,654.09     | 14                             | 437.6  | 841                                     |
| 1,517.84                 | 68,330      | 32                             | 178                                    | 3.95                       | 2.22                          | 1,680.69      | 4                              | 51.2   | 167                                     |
| 6,502.41                 | 327,946     | 101                            | 271                                    | 5.37                       | 2.00                          | 4,422.69      | 19                             | 193.4  | 492                                     |
| 5,607.38                 | 308,836     | 85                             | 303                                    | 5.50                       | 1.82                          | 2,912.71      | 15                             | 143.5  | 440                                     |
| 9,616.49                 | 486,001     | 89                             | 455                                    | 9.00                       | 1.98                          | 4,046.05      | 10                             | 130.9  | 614                                     |
| 8,486.56                 | 557,829     | 112                            | 415                                    | 6.31                       | 1.50                          | 7,344.29      | 10                             | 298.8  | 629                                     |

## STATEMENT

Statistics Relating to the Supply of Electrical Energy to Customers  
For Domestic Service, for Commercial Light Service,

## Group IV—SMALL TOWNS (less than 2,000 population),

| Municipality           | System | Popula-<br>tion | Domestic service |             |                             |  |                            |                               |
|------------------------|--------|-----------------|------------------|-------------|-----------------------------|--|----------------------------|-------------------------------|
|                        |        |                 | Revenue          | Consumption | Number<br>of cus-<br>tomers | Monthly<br>consumption<br>per customer | Average<br>monthly<br>bill | Net cost per<br>kilowatt-hour |
|                        |        |                 | \$               | kwh         |                             | kwh                                    | \$                         | cents                         |
| Streetsville .....     | S.O.   | 1,020           | 13,111.75        | 1,049,324   | 286                         | 306                                    | 3.82                       | 1.20                          |
| Sunderland .....       | S.O.   | 492             | 5,589.04         | 341,833     | 182                         | 157                                    | 2.56                       | 1.60                          |
| Sutton .....           | S.O.   | *1,208          | 14,868.88        | 994,494     | 576                         | 144                                    | 2.15                       | 1.50                          |
| Tara .....             | S.O.   | 477             | 5,250.60         | 327,830     | 181                         | 151                                    | 2.41                       | 1.60                          |
| Tavistock .....        | S.O.   | 1,057           | 12,891.40        | 1,261,530   | 337                         | 312                                    | 3.19                       | 1.02                          |
| Teeswater .....        | S.O.   | 870             | 7,569.21         | 500,535     | 264                         | 158                                    | 2.39                       | 1.50                          |
| Terrace Bay .....      | T.B.   | 1,270           | 22,501.47        | 2,170,100   | 252                         | 717                                    | 7.44                       | 1.03                          |
| Thamesford .....       | S.O.   | 539             | 8,332.15         | 650,929     | 173                         | 314                                    | 4.01                       | 1.28                          |
| Thamesville .....      | S.O.   | 913             | 6,064.56         | 427,036     | 299                         | 119                                    | 1.69                       | 1.42                          |
| Thedford .....         | S.O.   | 600             | 5,852.01         | 330,761     | 193                         | 143                                    | 2.53                       | 1.77                          |
| Thornbury .....        | S.O.   | 975             | 9,721.63         | 567,990     | 330                         | 143                                    | 2.46                       | 1.70                          |
| Thorndale .....        | S.O.   | 263             | 3,917.59         | 229,487     | 92                          | 208                                    | 3.55                       | 1.71                          |
| Thornton .....         | S.O.   | 183             | 1,941.32         | 77,480      | 74                          | 87                                     | 2.19                       | 2.50                          |
| Tottenham .....        | S.O.   | 594             | 6,563.29         | 423,535     | 191                         | 185                                    | 2.86                       | 1.50                          |
| Trafalgar Twp.....     | S.O.   | .....           | 59,263.70        | 3,505,220   | 1,023                       | 286                                    | 4.83                       | 1.70                          |
| Tweed .....            | S.O.   | 1,659           | 14,525.62        | 959,768     | 408                         | 196                                    | 2.97                       | 1.51                          |
| Uxbridge .....         | S.O.   | 1,734           | 19,410.92        | 1,356,956   | 543                         | 208                                    | 2.98                       | 1.40                          |
| Victoria Harbour ..... | S.O.   | *969            | 6,743.26         | 360,820     | 336                         | 89                                     | 1.68                       | 1.90                          |
| Wardsville .....       | S.O.   | 365             | 3,558.20         | 261,230     | 87                          | 250                                    | 3.41                       | 1.36                          |
| Warkworth .....        | S.O.   | 522             | 4,758.45         | 265,460     | 161                         | 137                                    | 2.46                       | 1.79                          |
| Waterdown .....        | S.O.   | 1,306           | 16,364.43        | 1,409,040   | 361                         | 325                                    | 3.78                       | 1.16                          |
| Waterford .....        | S.O.   | 1,677           | 13,685.51        | 1,098,436   | 515                         | 178                                    | 2.21                       | 1.24                          |
| Watford .....          | S.O.   | 1,131           | 13,909.97        | 1,000,294   | 350                         | 238                                    | 3.31                       | 1.39                          |
| Waubashene .....       | S.O.   | .....           | 6,137.74         | 371,090     | 301                         | 103                                    | 1.70                       | 1.70                          |
| Wellesley .....        | S.O.   | 560             | 5,412.74         | 352,830     | 159                         | 185                                    | 2.84                       | 1.54                          |
| Wellington .....       | S.O.   | *998            | 10,013.30        | 783,706     | 390                         | 167                                    | 2.14                       | 1.28                          |
| West Lorne .....       | S.O.   | 995             | 7,774.65         | 566,334     | 288                         | 164                                    | 2.25                       | 1.37                          |
| Westport .....         | S.O.   | 720             | 6,494.15         | 379,860     | 182                         | 174                                    | 2.97                       | 1.70                          |
| Wheatley .....         | S.O.   | 1,003           | 8,321.97         | 567,310     | 297                         | 159                                    | 2.34                       | 1.47                          |
| Warton .....           | S.O.   | 1,983           | 14,432.35        | 1,083,480   | 542                         | 167                                    | 2.22                       | 1.31                          |
| Williamsburg .....     | S.O.   | 300             | 2,417.10         | 256,543     | 95                          | 225                                    | 2.12                       | 0.94                          |
| Winchester .....       | S.O.   | 1,152           | 11,305.92        | 971,904     | 351                         | 231                                    | 2.68                       | 1.20                          |
| Windermere .....       | S.O.   | *135            | 3,238.88         | 111,250     | 85                          | 109                                    | 3.18                       | 2.90                          |
| Woodbridge .....       | S.O.   | 1,592           | 17,097.33        | 1,590,779   | 409                         | 324                                    | 3.48                       | 1.10                          |
| Woodville .....        | S.O.   | 375             | 3,734.15         | 215,324     | 133                         | 135                                    | 2.34                       | 1.70                          |
| Wyoming .....          | S.O.   | 648             | 4,601.19         | 277,250     | 202                         | 114                                    | 1.90                       | 1.67                          |
| Zurich .....           | S.O.   | 572             | 6,689.56         | 370,715     | 191                         | 162                                    | 2.92                       | 1.80                          |

\*Does not include summer population.

## “D”—Concluded

in Ontario Urban Municipalities Served by the Commission  
and for Power Service during the year 1950

## VILLAGES, AND CERTAIN SUBURBAN AREAS

| Commercial light service |             |                     |                                  |                      |                            | Power service |                     |   | Total number of customers |
|--------------------------|-------------|---------------------|----------------------------------|----------------------|----------------------------|---------------|---------------------|---|---------------------------|
| Revenue                  | Consumption | Number of customers | Monthly consumption per customer | Average monthly bill | Net cost per kilowatt-hour | Revenue       | Number of customers | Average monthly total of power customers' loads |                           |
| \$                       | kwh         |                     | kwh                              | \$                   | cents                      | \$            |                     | kw  |                           |
| 5,354.71                 | 388,385     | 60                  | 539                              | 7.44                 | 1.40                       | 16,074.02     | 13                  | 546.7   | 359                       |
| 3,067.43                 | 129,280     | 43                  | 251                              | 5.94                 | 2.40                       | 3,089.72      | 2                   | 78.0  | 227                       |
| 10,927.06                | 520,132     | 131                 | 331                              | 6.95                 | 2.10                       | 3,718.32      | 10                  | 118.9   | 717                       |
| 2,876.35                 | 145,840     | 46                  | 264                              | 5.21                 | 2.00                       | 2,053.64      | 8                   | 61.9  | 235                       |
| 6,649.92                 | 372,994     | 103                 | 302                              | 5.38                 | 1.78                       | 9,078.48      | 10                  | 349.3   | 450                       |
| 4,144.02                 | 201,203     | 64                  | 262                              | 5.40                 | 2.10                       | 5,917.01      | 12                  | 193.9   | 340                       |
| 9,128.00                 | 478,050     | 22                  | 181                              | 3.45                 | 1.90                       | 7,010.30      | 1                   | 238.7   | 275                       |
| 3,433.85                 | 190,626     | 45                  | 353                              | 6.36                 | 1.80                       | 2,270.05      | 5                   | 96.4  | 223                       |
| 5,197.22                 | 322,035     | 93                  | 289                              | 4.66                 | 1.61                       | 5,025.92      | 10                  | 192.4   | 402                       |
| 4,740.03                 | 321,764     | 63                  | 426                              | 6.27                 | 1.47                       | 2,889.29      | 5                   | 78.3  | 261                       |
| 4,954.06                 | 206,840     | 80                  | 216                              | 5.16                 | 2.40                       | 4,143.01      | 14                  | 205.2   | 424                       |
| 1,338.32                 | 45,003      | 20                  | 188                              | 5.58                 | 2.97                       | 2,752.65      | 3                   | 72.4  | 115                       |
| 734.42                   | 33,520      | 13                  | 215                              | 4.71                 | 2.20                       | 249.38        | 2                   | 14.0  | 89                        |
| 2,736.02                 | 98,681      | 51                  | 161                              | 4.47                 | 2.80                       | 2,087.34      | 9                   | 62.6  | 251                       |
| 8,801.74                 | 363,755     | 69                  | 439                              | 10.63                | 2.40                       | 7,810.19      | 17                  | 216.3   | 1,109                     |
| 9,266.87                 | 378,738     | 110                 | 287                              | 7.02                 | 2.45                       | 11,909.77     | 21                  | 314.6   | 539                       |
| 8,323.39                 | 332,135     | 119                 | 233                              | 5.83                 | 2.50                       | 7,075.57      | 16                  | 235.6   | 678                       |
| 1,811.59                 | 96,370      | 35                  | 230                              | 4.32                 | 1.90                       | 306.07        | 1                   | 8.2   | 372                       |
| 2,591.97                 | 123,660     | 23                  | 448                              | 9.39                 | 2.10                       | 41.24         | 1                   | 2.2   | 111                       |
| 2,340.87                 | 95,749      | 48                  | 166                              | 4.06                 | 2.44                       | 676.14        | 2                   | 13.8  | 211                       |
| 4,678.64                 | 267,452     | 53                  | 421                              | 7.36                 | 1.75                       | 2,246.50      | 10                  | 104.7   | 424                       |
| 5,750.11                 | 406,495     | 86                  | 394                              | 5.57                 | 1.41                       | 6,287.71      | 14                  | 277.2   | 615                       |
| 8,187.19                 | 406,940     | 87                  | 390                              | 7.84                 | 2.01                       | 7,979.25      | 9                   | 245.4   | 446                       |
| 1,770.44                 | 83,560      | 31                  | 225                              | 4.76                 | 2.10                       | 1,059.07      | 3                   | 22.8  | 335                       |
| 3,342.82                 | 180,070     | 54                  | 278                              | 5.16                 | 1.86                       | 1,505.80      | 7                   | 52.9  | 220                       |
| 4,215.36                 | 215,895     | 77                  | 234                              | 4.56                 | 1.95                       | 5,027.11      | 11                  | 205.3   | 478                       |
| 6,357.28                 | 354,734     | 77                  | 384                              | 6.88                 | 1.79                       | 16,499.83     | 14                  | 502.3   | 379                       |
| 5,525.78                 | 209,300     | 64                  | 273                              | 7.20                 | 2.60                       | .....         | .....               | .....   | 246                       |
| 8,866.86                 | 460,160     | 89                  | 431                              | 8.30                 | 1.93                       | 7,082.50      | 13                  | 265.9   | 399                       |
| 12,563.23                | 704,545     | 128                 | 460                              | 8.18                 | 1.80                       | 14,895.34     | 22                  | 369.0   | 692                       |
| 2,339.93                 | 163,245     | 37                  | 368                              | 5.27                 | 1.40                       | 224.51        | 1                   | 5.5   | 133                       |
| 8,904.51                 | 523,640     | 94                  | 464                              | 7.89                 | 1.70                       | 6,641.16      | 4                   | 224.8   | 449                       |
| 1,900.22                 | 74,860      | 14                  | 446                              | 11.31                | 2.50                       | 1,198.04      | 2                   | 35.6  | 101                       |
| 7,301.76                 | 418,336     | 73                  | 478                              | 8.34                 | 1.70                       | 31,251.88     | 10                  | 1,183.0   | 492                       |
| 1,689.86                 | 58,859      | 34                  | 144                              | 4.14                 | 2.90                       | 650.46        | 2                   | 28.5  | 169                       |
| 2,377.14                 | 122,210     | 52                  | 196                              | 3.81                 | 1.94                       | 1,190.88      | 4                   | 33.9  | 258                       |
| 5,034.35                 | 212,730     | 51                  | 348                              | 8.23                 | 2.36                       | 386.83        | 2                   | 19.4  | 244                       |





## APPENDIX I

### OPERATION OF THE SYSTEMS

#### Summary Tabulations and Statements—Dependable Peak Capacity and Actual Station Output—Loads of Municipal Systems

THE tables presented in this appendix are modifications of some that appeared in previous issues of the Report in the preface and in Section I. They have been assembled here for convenient reference and in order to permit the narrative in Section I to be presented with less interruption.

The first set of four tables presents a concise comparison of the resources, demands, and loads of the fiscal period under review with those of 1949.

The next table provides details of the capacity and output of the Commission's generating stations and its sources of purchased power. The capacities listed are defined as "dependable 20-minute peak" capacities and differ slightly in some cases from "maximum normal plant" capacities which have been published in previous issues of the Report. A definition of dependable capacity is placed at the end of the table. It makes clear that the decision to alter the expression of capacity was based on the fact that the most significant information about resources should be related to the time of maximum demand which, for the Commission, usually occurs during December.

In conformance with modern engineering practice, statistics of loads and capacities in these tables, and elsewhere in the Report, have been expressed in kilowatts rather than horsepower. For purposes of making comparisons with earlier issues of the Report or with other publications still employing the horsepower unit, the following approximate equation may be used:

$$1 \text{ horsepower} = .746 \text{ kilowatt}$$

The final table in the appendix, entitled Loads of Municipal Systems 1950, has been modified somewhat by inclusion of data relating to energy consumption. Previously, comparisons were made between peak loads of adjacent years.

**SUMMARY TABULATIONS  
RESOURCES, GENERATED AND PURCHASED  
DECEMBER 1949 AND 1950**

|                                       | Dependable peak capacity |            |                |
|---------------------------------------|--------------------------|------------|----------------|
|                                       | 1949<br>kw               | 1950<br>kw | Increase<br>kw |
| <b>SOUTHERN ONTARIO SYSTEM</b>        |                          |            |                |
| Commission's generating stations..... | 1,041,000                | 1,416,900  | 375,900        |
| Power purchased.....                  | 794,000                  | 764,100    | 29,900*        |
| Total resources.....                  | 1,835,000                | 2,181,000  | 346,000        |
| <b>THUNDER BAY SYSTEM</b>             |                          |            |                |
| Commission's generating stations..... | 172,000                  | 232,000    | 60,000         |
| Power purchased.....                  |                          | 600        | 600            |
| Total resources.....                  | 172,000                  | 232,600    | 60,600         |
| <b>NORTHERN ONTARIO PROPERTIES</b>    |                          |            |                |
| Commission's generating stations..... | 275,200                  | 316,700    | 41,500         |
| Power purchased.....                  |                          |            |                |
| Total resources.....                  | 275,200                  | 316,700    | 41,500         |

**PRIMARY LOADS CARRIED AND DEMANDS FOR PRIMARY POWER  
DECEMBER 1949 AND 1950**

|   | At the time of the December<br>potential primary peak demand |            |                |
|---|--|------------|----------------|
|   | 1949<br>kw   | 1950<br>kw | Increase<br>kw |
| <b>SOUTHERN ONTARIO SYSTEM</b>  |  |            |                |
| Primary load carried.....   | 1,773,685  | 2,147,764  | 374,079        |
| Primary load cut.....   | 213,350  | 213,100    | 250*           |
| Primary demand.....   | 1,987,035  | 2,360,864  | 373,829        |
| Estimated effect of restrictions, voluntary curtailment, and allocations in the supply of power to municipal and rural customers..... | 112,965  | .....      | 112,965*       |
| Potential primary peak demand.....  | 2,100,000  | 2,360,864  | 260,864        |
| <b>THUNDER BAY SYSTEM (incl. Rainy River District)</b>  |  |            |                |
| Primary load carried.....   | 166,978  | 179,710    | 12,732         |
| Primary load cut.....   |  |            |                |
| Primary demand.....   | 166,978  | 179,710    | 12,732         |
| <b>NORTHERN ONTARIO PROPERTIES<br/>(excl. Rainy River District)</b>   |  |            |                |
| Primary load carried.....   | 218,217  | 258,411    | 40,194         |
| Primary load cut.....   |  |            |                |
| Primary demand.....   | 218,217  | 258,411    | 40,194         |
| Estimated effect of restrictions, voluntary curtailment, and allocations in the supply of power to municipal and rural customers..... | 4,483  | .....      | 4,483*         |
| Potential primary peak demand.....  | 222,700  | 258,411    | 35,711         |

\*Decrease.



## AND STATEMENTS

## ENERGY (kilowatt-hours) UTILIZED

## FISCAL YEARS 1949 (12 months) AND 1950 (14 months)

|  | 1949           | 1950           | Increase<br>calendar year<br>1950 over 1949 |
|--|----------------|----------------|---|
| <b>SOUTHERN ONTARIO SYSTEM</b>                                     | kwh            | kwh            | per cent                                    |
| Primary.....   | 11,047,332,765 | 14,487,261,370 | 12.8  |
| Secondary.....   | 332,957,800    | 301,171,900    | 8.2*  |
| Total primary and secondary...                                     | 11,380,290,565 | 14,788,433,270 | 12.2  |
| <b>THUNDER BAY SYSTEM</b><br>(incl. Rainy River District)          |                |                |   |
| Primary.....   | 1,030,627,670  | 1,357,313,640  | 9.3   |
| Secondary.....   | 85,105,200     | 185,600,000    | 84.7  |
| Total primary and secondary...                                     | 1,115,732,870  | 1,542,913,640  | 15.2  |
| <b>NORTHERN ONTARIO PROPERTIES</b><br>(excl. Rainy River District) |                |                |   |
| Primary.....   | 1,438,706,926  | 1,797,639,933  | 6.5   |
| Secondary.....   | 98,219,629     | 129,613,367    | 36.7  |
| Total primary and secondary...                                     | 1,536,926,555  | 1,927,253,300  | 8.3   |

## ENERGY SUPPLIED TO COMMISSION'S CUSTOMERS

## FISCAL YEARS 1949 (12 months) AND 1950 (14 months)

|  | 1949           | 1950           | Increase<br>calendar year<br>1950 over 1949 |
|--|----------------|----------------|---|
| <b>SOUTHERN ONTARIO SYSTEM</b>                                     | kwh            | kwh            | per cent                                    |
| Primary  |                |                |   |
| Municipalities.....  | 5,821,077,117  | 8,039,407,352  | 15.3  |
| Industries.....  | 3,310,252,874  | 3,830,000,126  | 6.4   |
| Rural power district.....  | 724,615,465    | 1,040,443,537  | 18.9  |
| Total.....   | 9,855,945,456  | 12,909,851,015 | 12.7  |
| Secondary.....   | 324,263,358    | 293,263,817    | 8.2*  |
| Total primary and secondary...                                     | 10,180,208,814 | 13,203,114,832 | 12.1  |
| <b>THUNDER BAY SYSTEM</b><br>(incl. Rainy River District)          |                |                |   |
| Primary  |                |                |   |
| Municipalities.....  | 225,929,965    | 314,665,009    | 12.6  |
| Industries.....  | 717,163,741    | 934,530,700    | 7.2   |
| Rural power district.....  | 6,983,290      | 11,872,974     | 40.6  |
| Total.....   | 950,076,996    | 1,261,068,683  | 8.7   |
| Secondary.....   | 77,882,486     | 169,827,062    | 84.5  |
| Total primary and secondary...                                     | 1,027,959,482  | 1,430,895,745  | 14.6  |
| <b>NORTHERN ONTARIO PROPERTIES</b><br>(excl. Rainy River District) |                |                |   |
| Primary  |                |                |   |
| Municipalities.....  | 161,884,339    | 217,536,652    | 11.0  |
| Industries.....  | 1,094,146,440  | 1,347,909,812  | 5.8   |
| Rural power district.....  | 22,886,177     | 40,023,028     | 42.0  |
| Total.....   | 1,278,916,956  | 1,605,469,492  | 7.2   |
| Secondary.....   | 96,761,479     | 103,243,651    | 9.7   |
| Total primary and secondary...                                     | 1,375,678,435  | 1,708,713,143  | 7.3   |

\*Decrease.

**DEPENDABLE PEAK CAPACITY AND ACTUAL  
TOTAL ENERGY OUTPUT  
COMMISSION-OWNED OR -OPERATED GENERATING STATIONS**

| Generating station—river                       | Dependable<br>20-min. peak<br>capacity<br>December<br>1950 | Actual<br>20-min. peak<br>output<br>December<br>1950 | Total energy<br>output during<br>fiscal year<br>ended<br>December 31,<br>1950<br>(14 months) |
|--|--|--|--|
|  | kilowatts  | kilowatts  | kilowatt-hours   |
| <b>SOUTHERN ONTARIO SYSTEM</b>                 |  |  |  |
| HYDRO-ELECTRIC                                 |  |  |  |
| Sir Adam Beck-Niagara G.S. No. 1—Niagara.....  | *320,000   | 357,500  | 3,125,057,000  |
| Ontario Power—Niagara.....                     | *135,000   | 137,000  | 1,360,897,100  |
| Toronto Power—Niagara.....                     | *105,000   | 108,000  | 1,059,157,900  |
| DeCew Falls—Welland Canal.....                 | *122,000   | 126,000  | 774,517,400  |
| DeCew Falls (60 & 66½ cycle)—Welland Canal.... | 28,000   | 39,000   | 198,191,300  |
| Des Joachims—Ottawa.....                       | 350,000  | 325,000  | 702,144,500  |
| Chenau—Ottawa.....                             | 30,000   | 32,000   | 24,590,400   |
| Chats Falls (Ontario half)—Ottawa.....         | *85,000  | 86,000   | 491,688,600  |
| Barrett Chute—Madawaska.....                   | 42,000   | 41,250   | 247,282,800  |
| Calabogie—Madawaska.....                       | 4,400  | 4,650  | 29,334,050   |
| Stewartville—Madawaska.....                    | 63,000   | 69,500   | 285,047,000  |
| Heely Falls—Trent.....                         | 11,150   | 12,075   | 83,894,720   |
| Seymour—Trent.....                             | 2,950  | 3,175  | 20,911,200   |
| Ranney Falls—Trent.....                        | 8,350  | 8,615  | 61,556,960   |
| Hagues Reach—Trent.....                        | 3,250  | 3,900  | 25,697,440   |
| Meyersburg—Trent.....                          | 5,100  | 5,850  | 39,525,580   |
| Sills Island—Trent.....                        | 1,550  | 885  | 10,175,040   |
| Frankford—Trent.....                           | 2,550  | 2,925  | 17,179,200   |
| Sidney—Trent.....                              | 3,350  | 3,725  | 22,336,500   |
| Bala No. 1 & 2—Muskoka.....                    | 350  | 360  | 2,448,750  |
| Ragged Rapids—Muskoka.....                     | 7,500  | 7,800  | 42,850,990   |
| Big Eddy—Muskoka.....                          | 7,100  | 7,950  | 40,521,100   |
| Trethewey Falls—South Muskoka.....             | 1,600  | 1,700  | 11,599,200   |
| Hanna Chute—South Muskoka.....                 | 1,200  | 1,300  | 8,700,600  |
| South Falls—South Muskoka.....                 | 4,200  | 4,450  | 28,411,695   |
| Eugenia Falls—Beaver.....                      | 5,400  | 5,260  | 28,395,400   |
| Wasdells Falls—Severn.....                     | 750  | 770  | 3,859,340  |
| Big Chute—Severn.....                          | 4,300  | 4,440  | 32,445,720   |
| Fennelon Falls—Otonabee.....                   | 700  | 700  | 5,476,265  |
| Lakefield—Otonabee.....                        | 1,650  | 1,920  | 10,095,140   |
| Auburn—Otonabee.....                           | 1,750  | 2,085  | 13,228,350   |
| High Falls—Mississippi.....                    | 2,450  | 2,650  | 15,373,440   |
| Carleton Place—Mississippi.....                |  |  | 99,020   |
| Galetta—Mississippi.....                       | 800  | 935  | 3,321,000  |
| †Merrickville—Rideau.....                      | 900  | 890  | 4,632,200  |
| Hanover—Saugeen.....                           | 250  | 295  | 1,627,776  |
| Walkerton—Saugeen.....                         | 350  | 360  | 2,445,600  |
| †Burks Falls—Magnetewan.....                   |  |  |  |
| FUEL-ELECTRIC                                  |  |  |  |
| Scarborough (steam)—Toronto.....               | 20,000   | 26,100   | 41,933,000   |
| Ontario Paper (steam) (60 & 66½ cycle)—Thorold | 15,000   | 20,200   | 20,653,120   |
| Hamilton Beach (steam)—Hamilton.....           | 10,000   | 12,400   | 21,401,970   |
| Steel Co. of Canada (steam)—Hamilton.....      | *6,000   | 5,500  | 24,340,700   |
| Westinghouse (diesel) (66½ cycle)—Hamilton.... | 2,000  | 1,500  | 1,347,000  |
| Canada & Dominion Sugar Co. (steam)—Chatham *  |  |  | 4,431,000  |
| Southern Ontario System total.....             | 1,416,900  | †  | 8,948,823,066  |
| <b>THUNDER BAY SYSTEM—HYDRO-ELECTRIC</b>       |  |  |  |
| Cameron Falls—Nipigon.....                     | 55,000   | 57,000   | 504,420,600  |
| Alexander—Nipigon.....                         | 53,000   | 54,500   | 388,432,600  |
| Pine Portage—Nipigon.....                      | 60,000   | 61,500   | 142,784,930  |
| Aguasabon—Aguasabon.....                       | 40,000   | 45,000   | 321,156,330  |
| Kakabeka—Kaministiquia.....                    | 24,000   | 25,500   | 183,960,900  |
| Thunder Bay System total.....                  | 232,000  | †  | 1,540,755,360  |

\*25-cycle stations, others are 60-cycle, except as indicated.

†Acquired 1950.

‡Because the maximum 20-minute peak outputs of the various generating stations and purchased power sources in a system do not occur coincidentally, the sum of the power outputs should not be construed as representative of the peak load of that system.

# STATION OUTPUT IN DECEMBER 1950 AND DURING 1950 FISCAL YEAR

## COMMISSION-OWNED OR -OPERATED GENERATING STATIONS—Continued

| Generating station—river  | Dependable<br>20-min. peak<br>capacity<br>December<br>1950 | Actual 20<br>min. peak<br>output<br>December<br>1950 | Total energy<br>output during<br>fiscal year<br>ended<br>December 31,<br>1950<br>(14 months) |
|---|--|--|--|
|   | kilowatts  | kilowatts  | kilowatt-hours   |
| <b>NORTHERN ONTARIO PROPERTIES</b>                                  |  |  |  |
| HYDRO-ELECTRIC  |  |  |  |
| Abitibi Canyon—Abitibi .....  | *184,000   | 181,000  | 1,234,313,000  |
| George W. Rayner—Mississagi .....                                   | 42,000   | 46,500   | 82,635,880   |
| Ear Falls—English .....   | 19,200   | 21,250   | 157,594,000  |
| Wawaitein—Mattagami .....   | *9,200   | 9,100  | 32,928,296   |
| Sandy Falls—Mattagami .....   | *3,200   | 2,850  | 21,685,416   |
| Lower Sturgeon—Mattagami .....                                      | *6,000   | 5,900  | 46,536,201   |
| Indian Chute—Montreal .....   | 2,800  | 2,980  | 18,096,000   |
| Hound Chute—Montreal .....  | 3,600  | 3,720  | 23,166,728   |
| Fountain Falls—Montreal .....                                       | 2,000  | 1,820  | 16,717,800   |
| Upper Notch—Montreal .....  | 8 300  | 7,900  | 48,125,000   |
| Stinson—Wanapitei .....   | 5,500  | 5,100  | 25,521,000   |
| Coniston—Wanapitei .....  | 4,200  | 4,180  | 27,372,800   |
| McVittie—Wanapitei .....  | 2,300  | 1,200  | 15,783,120   |
| Matabitchuan—Matabitchuan .....                                     | 9,000  | 8,000  | 46,965,680   |
| Crystal Falls—Sturgeon .....  | 8,000  | 4,300  | 40,085,400   |
| Nipissing—South .....   | 1,500  | 1,630  | 10,731,340   |
| Bingham Chute—South .....   | 900  | 930  | 6,164,020  |
| Elliott Chute—South .....   | 1,300  | 1,390  | 6,536,200  |
| Rat Rapids—Albany .....   | 2,500  | 2,400  | 21,021,600   |
| Kagawong—Kagawong .....   | 700  | 750  | 3,535,220  |
| FUEL-ELECTRIC   |  |  |  |
| Kagawong (diesel portion) .....                                     | 500  | 490  | 1,223,400  |
| Otto Holden Construction (steam) to March 1950 .....                |  |  | 2,204,526  |
| Northern Ontario Properties total .....                             | 316,700  | †  | 1,888,942,627  |
| Total of Commission-owned or -operated generating<br>stations ..... | 1,965,600  | †  | 12,378,521,053   |

## POWER PURCHASED

|   |           |         |                |
|---|-----------|---------|----------------|
| Power sources   |           |         |                |
| <b>SOUTHERN ONTARIO SYSTEM</b>                                      |           |         |                |
| Canadian Niagara Power Co. ....                                     | *15,000   | 17,000  | 184,245,000    |
| Polymer Corporation .....   | 22,000    | 22,000  | 61,845,200     |
| Gatineau Power Co. (25 & 60 cycle) .....                            | 254,000   | 289,800 | 1,752,680,100  |
| Ottawa Valley Power Co. ....  | *85,000   | 86,000  | 495,779,600    |
| Beauharnois Light, Heat & Power Co. ....                            | *248,000  | 255,000 | 2,301,970,000  |
| Maclaren-Quebec Power Co. (25 & 60 cycle) ..                        | 138,000   | 168,800 | 996,482,000    |
| Miscellaneous (relatively small suppliers) (25<br>& 60 cycle) ..... | 2,100     | 14,459  | 43,241,804     |
| <b>THUNDER BAY SYSTEM</b>   |           |         |                |
| Ontario-Minnesota Pulp & Paper Co. ....                             | 600       | 710     | 2,158,280      |
| <b>NORTHERN ONTARIO PROPERTIES</b>                                  |           |         |                |
| Abitibi Power & Paper Co. (25 & 60 cycle) ..                        |           |         | 19,484,853     |
| Miscellaneous (relatively small suppliers) ..                       |           | 246     | 22,192,320     |
| Total purchased .....   | 764,700   | †       | 5,880,079,157  |
| Total generated and purchased .....                                 | 2,730,300 | †       | 18,258,600,210 |

The dependable peak capacity of a source of generation is the amount of power, subject to periodic change as equipment and water conditions vary, which the source is expected to be able to supply at the time of the system's primary peak demand. For Commission-owned or -operated generating stations, it is presumed that all units are available and that the supply of water is normal. Contractual stipulations govern the capacities of sources of purchased power.



## LOADS OF MUNICIPAL SYSTEMS 1950

| Municipality                | Date<br>of first<br>delivery | Fre-<br>quency<br>Decem-<br>ber 31,<br>1950 | December<br>1950<br>peak load | Consump-<br>tion<br>fiscal year<br>(14 months) | Increase<br>(or decrease)<br>in consump-<br>tion, calendar<br>year 1950<br>over 1949 |
|-----------------------------|------------------------------|---|-------------------------------|--|--|
|                             |                              | cycles                                      | kilowatts                     | '000 kwh                                       | percentage   |
| SOUTHERN ONTARIO SYSTEM     |                              |   |                               |  |  |
| Acton . . . . .             | Jan. 1913                    | 25  | 2,644.8                       | 11,504   | 23.7   |
| Agincourt . . . . .         | Nov. 1922                    | 60  | 604.4                         | 3,124  | 36.3   |
| Ailsa Craig . . . . .       | Jan. 1916                    | 25  | 177.7                         | 739  | 11.7   |
| Alexandria . . . . .        | Jan. 1921                    | 60  | 563.3                         | 2,780  | 19.0   |
| Alliston . . . . .          | June 1918                    | 60  | 790.8                         | 3,763  | 16.9   |
| Almonte . . . . .           | Feb. 1945                    | 60  | 529.9                         | 2,005  | 53.8   |
| Alvinston . . . . .         | April 1922                   | 25*   | 187.8                         | 656  | 13.0   |
| Amherstburg . . . . .       | Feb. 1919                    | 25  | 1,723.0                       | 9,176  | 12.9   |
| Ancaster Twp.—V.A. . . . .  | Jan. 1914                    | 25  | 757.0                         | 3,292  | 24.1   |
| Apple Hill . . . . .        | April 1921                   | 60  | 50.8                          | 215  | 6.2  |
| Arkona . . . . .            | Dec. 1926                    | 25*   | 139.7                         | 511  | 18.1   |
| Arnprior . . . . .          | June 1929                    | 60  | 1,807.5                       | 8,845  | 12.3   |
| Arthur . . . . .            | Dec. 1916                    | 60  | 299.9                         | 1,507  | 9.4  |
| Athens . . . . .            | Jan. 1929                    | 60  | 189.0                         | 644  | 4.5  |
| Aurora . . . . .            | Dec. 1920                    | 60  | 1,889.5                       | 10,355   | 18.5   |
| Aylmer . . . . .            | Mar. 1918                    | 25  | 1,877.0                       | 8,181  | 13.5   |
| Ayr . . . . .               | Jan. 1915                    | 25  | 360.7                         | 1,402  | 8.5  |
| Baden . . . . .             | May 1912                     | 25  | 720.3                         | 3,010  | 15.9   |
| Bala . . . . .              | April 1929                   | 60  | 141.4                         | 1,083  | 4.3  |
| Bancroft . . . . .          | Mar. 1950                    | 60  | 72.2                          | .....  | .....  |
| Barrie . . . . .            | April 1913                   | 60  | 6,740.0                       | 33,691   | 20.8   |
| Barry's Bay . . . . .       | Jan. 1950                    | 60  | 107.1                         | .....  | .....  |
| Bath . . . . .              | Nov. 1931                    | 60  | 103.0                         | 354  | 16.5   |
| Beachville . . . . .        | Aug. 1912                    | 25  | 858.7                         | 5,122  | 24.8   |
| Beamsville . . . . .        | Jan. 1930                    | 25  | 780.0                         | 4,062  | 10.1   |
| Beaverton . . . . .         | Nov. 1914                    | 60  | 407.3                         | 1,917  | 24.4   |
| Beeton . . . . .            | Aug. 1918                    | 60  | 181.1                         | 797  | 12.8   |
| Belle River . . . . .       | Dec. 1922                    | 25  | 379.7                         | 1,736  | 12.1   |
| Belleville . . . . .        | Mar. 1916                    | 60  | 9,858.2                       | 58,245   | 13.2   |
| Blenheim . . . . .          | Nov. 1915                    | 25  | 962.8                         | 4,087  | 19.3   |
| Bloomfield . . . . .        | April 1919                   | 60  | 197.6                         | 908  | 17.6   |
| Blyth . . . . .             | July 1924                    | 25*   | 325.0                         | 1,510  | 13.8   |
| Bobcaygeon . . . . .        | July 1946                    | 60  | 264.7                         | 999  | 14.7   |
| Bolton . . . . .            | Feb. 1915                    | 25*   | 337.0                         | 1,230  | 26.1   |
| Bothwell . . . . .          | Sept. 1915                   | 25  | 205.0                         | 960  | 17.2   |
| Bowmanville . . . . .       | Mar. 1916                    | 60  | 3,856.5                       | 20,016   | 11.7   |
| Bradford . . . . .          | Oct. 1918                    | 60  | 617.0                         | 3,022  | 13.4   |
| Braeside . . . . .          | June 1929                    | 60  | 280.7                         | 681  | 14.5   |
| Brampton . . . . .          | Nov. 1911                    | 25  | 4,228.0                       | 21,514   | 16.8   |
| Brantford . . . . .         | Feb. 1914                    | 25  | 25,271.1                      | 134,677  | 10.1   |
| Brantford Twp.—V.A. . . . . | Oct. 1915                    | 25  | 3,946.6                       | 17,770   | 22.5   |
| Brechin . . . . .           | Jan. 1915                    | 60  | 83.0                          | 263  | 13.8   |
| Bridgeport . . . . .        | Mar. 1928                    | 25  | 352.1                         | 1,560  | 27.3   |
| Brigden . . . . .           | Jan. 1918                    | 60  | 153.9                         | 513  | 2.4  |
| Brighton . . . . .          | Mar. 1916                    | 60  | 742.8                         | 3,762  | 10.1   |

\*Changed from 25 to 60 cycles in period ending May 31, 1951.

## LOADS OF MUNICIPAL SYSTEMS 1950

| Municipality | Date of first delivery | Frequency<br>December 31,<br>1950 | December<br>1950<br>peak load | Consumption<br>fiscal year<br>(14 months) | Increase<br>(or decrease)<br>in consumption,<br>calendar<br>year 1950<br>over 1949 |
|--------------|------------------------|-----------------------------------|-------------------------------|---|--|
|              |                        | cycles                            | kilowatts                     | '000 kwh                                  | percentage   |

## SOUTHERN ONTARIO SYSTEM—Continued

|                       |            |                         |          |        |       |
|-----------------------|------------|-------------------------|----------|--------|-------|
| Brockville.....       | April 1915 | 60                      | 7,734.2  | 40,781 | 7.2   |
| Bronte.....           | Jan. 1930  | 66 $\frac{2}{3}$ †      | 350.0    | 1,283  | 18.5  |
| Brussels.....         | July 1924  | 25*                     | 326.7    | 1,541  | 8.9   |
| Burford.....          | June 1915  | 25                      | 415.7    | 1,770  | 9.0   |
| Burgessville.....     | Nov. 1916  | 25                      | 98.8     | 340    | 12.8  |
| Burks Falls.....      | Jan. 1950  | 60                      | 188.9    | .....  | ..... |
| Burlington.....       | Jan. 1930  | 66 $\frac{2}{3}$ †      | 2,969.1  | 13,603 | 23.6  |
| Burlington Beach..... | Jan. 1930  | 25 & 66 $\frac{2}{3}$ † | 839.6    | 3,424  | 18.9  |
| Caledonia.....        | Oct. 1912  | 25                      | 544.4    | 2,460  | 10.5  |
| Campbellville.....    | Jan. 1925  | 25                      | 88.9     | 309    | 8.8   |
| Cannington.....       | Nov. 1914  | 60                      | 320.5    | 1,341  | 12.9  |
| Cardinal.....         | July 1930  | 60                      | 444.2    | 2,033  | 23.9  |
| Carleton Place.....   | May 1919   | 60                      | 2,176.5  | 11,649 | 9.5   |
| Cayuga.....           | Nov. 1924  | 25                      | 249.4    | 1,107  | 10.7  |
| Chatham.....          | Feb. 1915  | 25                      | 10,485.1 | 56,878 | 14.7  |
| Chatsworth.....       | Dec. 1915  | 60                      | 196.2    | 660    | 12.2  |
| Chesley.....          | July 1916  | 60                      | 903.8    | 3,595  | 17.0  |
| Chesterville.....     | April 1914 | 60                      | 587.8    | 2,644  | 0.6   |
| Chippawa.....         | Sept. 1919 | 25                      | 505.0    | 2,556  | 12.7  |
| Clifford.....         | May 1924   | 25                      | 194.2    | 860    | 18.5  |
| Clinton.....          | Mar. 1914  | 25                      | 1,174.2  | 6,180  | 12.4  |
| Cobden.....           | Dec. 1934  | 60                      | 260.2    | 1,052  | 10.7  |
| Cobourg.....          | Mar. 1916  | 60                      | 3,586.5  | 19,258 | 29.1  |
| Colborne.....         | Mar. 1916  | 60                      | 410.2    | 1,984  | 15.8  |
| Coldwater.....        | Mar. 1913  | 60                      | 186.6    | 1,197  | 29.6  |
| Collingwood.....      | Mar. 1913  | 60                      | 3,327.9  | 15,221 | 13.2  |
| Comber.....           | May 1915   | 25                      | 181.0    | 768    | 25.2  |
| Cookstown.....        | May 1918   | 60                      | 133.5    | 568    | 13.8  |
| Cottam.....           | Feb. 1919  | 25                      | 139.0    | 616    | 2.1   |
| Courtright.....       | Dec. 1923  | 60                      | 91.5     | 335    | 2.5   |
| Creemore.....         | Nov. 1914  | 60                      | 214.2    | 971    | 10.3  |
| Dashwood.....         | Sept. 1917 | 25                      | 141.4    | 595    | 6.2   |
| Delaware.....         | Mar. 1915  | 25                      | 151.2    | 552    | 7.9   |
| Delhi.....            | May 1938   | 25                      | 1,145.8  | 4,502  | 21.3  |
| Deseronto.....        | Mar. 1916  | 60                      | 444.2    | 2,213  | 21.0  |
| Dorchester.....       | Dec. 1914  | 25                      | 195.0    | 753    | 17.3  |
| Drayton.....          | Mar. 1918  | 25                      | 209.5    | 758    | 13.6  |
| Dresden.....          | April 1915 | 25                      | 636.2    | 3,104  | 8.3   |
| Drumbo.....           | Dec. 1914  | 25                      | 151.0    | 587    | 12.6  |
| Dublin.....           | Oct. 1917  | 25                      | 91.8     | 453    | 12.9  |
| Dundalk.....          | Dec. 1915  | 60                      | 352.9    | 1,230  | 10.6  |
| Dundas.....           | Jan. 1911  | 25                      | 4,009.1  | 15,193 | 11.1  |
| Dunnville.....        | June 1918  | 25                      | 2,036.0  | 8,877  | 19.0  |
| Durham.....           | Dec. 1915  | 60                      | 572.2    | 2,898  | 12.5  |
| Dutton.....           | Sept. 1915 | 25                      | 271.2    | 1,376  | 3.7   |

†Changed from 66 $\frac{2}{3}$  to 60 cycles in period ending May 31, 1951.

\*Changed from 25 to 60 cycles in period ending May 31, 1951.

‡Part served at 66 $\frac{2}{3}$  cycles changed to 60 cycles in period ending May 31, 1951.

## LOADS OF MUNICIPAL SYSTEMS 1950

| Municipality | Date of first delivery | Frequency December 31, 1950 | December 1950 peak load | Consumption fiscal year (14 months) | Increase (or decrease) in consumption, calendar year 1950 over 1949 |
|--------------|------------------------|-----------------------------|-------------------------|-------------------------------------|---|
|              |                        | cycles                      | kilowatts               | '000 kwh                            | percentage  |

## SOUTHERN ONTARIO SYSTEM—Continued

|                        |            |           |           |           |      |
|------------------------|------------|-----------|-----------|-----------|------|
| East York Twp.—V.A.... | Dec. 1923  | 60        | 21,006.1  | 95,037    | 27.6 |
| Elmira.....            | Nov. 1913  | 25        | 1,884.2   | 9,689     | 15.6 |
| Elmvale.....           | June 1913  | 60        | 302.2     | 1,415     | 11.2 |
| Elmwood.....           | April 1918 | 60        | 149.0     | 442       | 39.2 |
| Elora.....             | Nov. 1914  | 25        | 651.1     | 2,601     | 13.0 |
| Embrow.....            | Jan. 1915  | 25        | 224.4     | 836       | 11.6 |
| Erieau.....            | July 1924  | 25        | 187.8     | 1,090     | 6.9  |
| Erie Beach.....        | July 1925  | 25        | 20.7      | 111       | 5.0  |
| Erin.....              | Jan. 1945  | 60        | 150.0     | 560       | 0.0  |
| Essex.....             | Feb. 1919  | 25        | 998.3     | 4,557     | 12.8 |
| Etobicoke Twp.—V.A.... | Aug. 1917  | 25        | 24,346.0  | 117,461   | 30.2 |
| Exeter.....            | June 1916  | 25*       | 1,192.0   | 5,943     | 12.4 |
| Fergus.....            | Nov. 1914  | 25        | 1,944.0   | 8,945     | 14.7 |
| Finch.....             | Feb. 1928  | 60        | 131.8     | 678       | 5.9  |
| Flesherton.....        | Dec. 1915  | 60        | 149.9     | 604       | 16.6 |
| Fonthill.....          | June 1926  | 25        | 551.8     | 2,316     | 25.3 |
| Forest.....            | Mar. 1917  | 25*       | 737.0     | 3,848     | 13.8 |
| Forest Hill.....       | Jan. 1938  | 25        | 8,915.1   | 42,977    | 9.2  |
| Frankford.....         | Oct. 1937  | 60        | 316.0     | 1,312     | 36.4 |
| Galt.....              | May 1911   | 25        | 13,732.5  | 59,930    | 11.4 |
| Georgetown.....        | Sept. 1913 | 25        | 2,618.0   | 13,683    | 18.7 |
| Glencoe.....           | Aug. 1920  | 25*       | 288.5     | 1,354     | 15.5 |
| Goderich.....          | Feb. 1914  | 25        | 2,325.5   | 12,316    | 8.9  |
| Grand Valley.....      | Dec. 1916  | 60        | 267.9     | 1,177     | 18.1 |
| Granton.....           | July 1916  | 25        | 76.6      | 303       | 0.5  |
| Gravenhurst.....       | Nov. 1915  | 60        | 1,658.6   | 9,352     | 13.1 |
| Grimsby.....           | Jan. 1930  | 25        | 1,182.6   | 6,717     | 6.2  |
| Guelph.....            | Dec. 1910  | 25        | 15,805.0  | 79,302    | 19.1 |
| Hagersville.....       | Sept. 1913 | 25        | 977.7     | 4,421     | 12.9 |
| Hamilton.....          | Feb. 1911  | 25,60&66½ | 169,193.2 | 1,076,703 | 11.7 |
| Hanover.....           | Sept. 1916 | 60        | 2,114.4   | 8,991     | 12.4 |
| Harriston.....         | July 1916  | 25        | 632.3     | 3,338     | 9.7  |
| Harrow.....            | Feb. 1919  | 25        | 848.2     | 3,487     | 14.4 |
| Hastings.....          | June 1931  | 60        | 204.6     | 1,000     | 2.7  |
| Havelock.....          | Feb. 1921  | 60        | 285.2     | 1,238     | 5.5  |
| Hensall.....           | Jan. 1917  | 25*       | 342.2     | 1,472     | 7.6  |
| Hepworth.....          | April 1930 | 60        | 73.3      | 269       | 9.5  |
| Hespeler.....          | Feb. 1911  | 25        | 3,644.5   | 19,715    | 21.4 |
| Highgate.....          | Dec. 1916  | 25        | 114.1     | 406       | 5.7  |
| Holstein.....          | May 1916   | 60        | 40.0      | 155       | 5.7  |
| Humberstone.....       | Oct. 1924  | 25        | 818.7     | 3,900     | 8.9  |
| Huntsville.....        | Sept. 1916 | 60        | 1,686.0   | 10,549    | 4.0  |
| Ingersoll.....         | May 1911   | 25        | 4,038.1   | 18,828    | 11.4 |
| Iroquois.....          | Feb. 1940  | 60        | 409.0     | 2,094     | 12.3 |
| Jarvis.....            | Feb. 1924  | 25        | 231.9     | 1,052     | 6.1  |

\*Changed from 25 to 60 cycles in period ending May 31, 1951.



## LOADS OF MUNICIPAL SYSTEMS 1950

| Municipality | Date of first delivery | Frequency December 31, 1950 | December 1950 peak load | Consumption fiscal year (14 months) | Increase (or decrease) in consumption, calendar year 1950 over 1949 |
|--------------|------------------------|-----------------------------|-------------------------|-------------------------------------|---|
|              |                        | cycles                      | kilowatts               | '000 kwh                            | percentage  |

## SOUTHERN ONTARIO SYSTEM—Continued

|                      |            |      |          |         |       |
|----------------------|------------|------|----------|---------|-------|
| Kemptville.....      | Dec. 1921  | 60   | 733.4    | 3,178   | 28.4  |
| Kincardine.....      | Mar. 1921  | 60   | 1,126.2  | 5,978   | 14.1  |
| Kingston.....        | Dec. 1917  | 60   | 19,915.4 | 116,636 | 3.9   |
| Kingsville.....      | Feb. 1919  | 25   | 1,100.9  | 4,544   | 17.8  |
| Kirkfield.....       | June 1920  | 60   | 47.4     | 161     | 9.5   |
| Kitchener.....       | Jan. 1911  | 25   | 33,656.0 | 177,854 | 11.9  |
| Lakefield.....       | Aug. 1920  | 60   | 853.2    | 4,258   | 45.0  |
| Lambeth.....         | April 1915 | 25   | 373.0    | 1,214   | 33.7  |
| Lanark.....          | Sept. 1921 | 60   | 170.1    | 697     | 6.9   |
| Lancaster.....       | May 1921   | 60   | 70.8     | 382     | 14.1  |
| La Salle.....        | Nov. 1925  | 25   | 564.7    | 2,355   | 19.3  |
| Leamington.....      | Feb. 1919  | 25   | 3,014.8  | 15,048  | 11.7  |
| Lindsay.....         | Mar. 1916  | 60   | 4,505.0  | 23,307  | 19.9  |
| Listowel.....        | June 1916  | 25   | 1,687.0  | 8,318   | 7.0   |
| London.....          | Jan. 1911  | 60   | 47,942.7 | 275,502 | 13.9  |
| London Twp.—V.A..... | Sept. 1917 | 25** | 1,028.2  | 4,081   | 21.4  |
| Long Branch.....     | Jan. 1931  | 25   | 3,425.7  | 16,592  | 23.1  |
| Lucan.....           | Feb. 1915  | 25   | 362.4    | 1,594   | 15.0  |
| Lucknow.....         | Jan. 1921  | 60   | 467.8    | 2,089   | 3.3   |
| Lynden.....          | Nov. 1915  | 25   | 143.5    | 640     | 14.7  |
| Madoc.....           | Mar. 1916  | 60   | 512.0    | 2,021   | 21.1  |
| Markdale.....        | Mar. 1916  | 60   | 337.0    | 1,497   | 15.5  |
| Markham.....         | April 1920 | 25*  | 560.0    | 2,587   | 19.4  |
| Marmora.....         | Jan. 1921  | 60   | 244.8    | 917     | 12.9  |
| Martintown.....      | May 1921   | 60   | 66.3     | 264     | 17.9  |
| Maxville.....        | Feb. 1921  | 60   | 196.2    | 840     | 24.6  |
| Meaford.....         | Jan. 1924  | 60   | 1,185.1  | 5,273   | 9.4   |
| Merlin.....          | Dec. 1922  | 25   | 158.6    | 608     | 18.2  |
| Merrickville.....    | July 1950  | 60   | 283.8    | .....   | ..... |
| Merritton.....       | Nov. 1920  | 25   | 9,835.6  | 65,331  | 14.0  |
| Midland.....         | July 1911  | 60   | 4,378.6  | 21,647  | 5.8   |
| Mildmay.....         | April 1930 | 60   | 231.2    | 1,103   | 6.3   |
| Millbrook.....       | Mar. 1916  | 60   | 223.7    | 898     | 10.0  |
| Milton.....          | April 1913 | 25   | 2,028.9  | 8,785   | 16.3  |
| Milverton.....       | June 1916  | 25   | 555.0    | 2,026   | 13.1  |
| Mimico.....          | May 1912   | 25   | 4,201.4  | 20,096  | 16.5  |
| Mitchell.....        | Sept. 1911 | 25   | 1,168.3  | 5,248   | 15.1  |
| Moorefield.....      | Mar. 1918  | 25   | 94.7     | 358     | 9.5   |
| Morrisburg.....      | June 1938  | 60   | 669.7    | 3,468   | 11.2  |
| Mount Brydges.....   | Mar. 1915  | 25*  | 175.5    | 747     | 23.0  |
| Mount Forest.....    | Dec. 1915  | 60   | 886.5    | 3,617   | 15.3  |
| Napanee.....         | Mar. 1916  | 60   | 1,905.4  | 9,725   | 9.9   |
| Neustadt.....        | Dec. 1918  | 60   | 107.2    | 478     | 21.3  |
| Newboro.....         | Dec. 1948  | 60   | 47.1     | 178     | 18.2  |
| Newburgh.....        | Mar. 1916  | 60   | 109.8    | 472     | 39.0  |

\*\*Oxford Park Section changed to 60 cycles in period ending May 31, 1951.

\*Changed from 25 to 60 cycles in period ending May 31, 1951.

## LOADS OF MUNICIPAL SYSTEMS 1950

| Municipality | Date of first delivery | Frequency December 31, 1950 | December 1950 peak load | Consumption fiscal year (14 months) | Increase (or decrease) in consumption, calendar year 1950 over 1949 |
|--------------|------------------------|-----------------------------|-------------------------|-------------------------------------|---|
|              |                        | cycles                      | kilowatts               | '000 kwh                            | percentage  |

## SOUTHERN ONTARIO SYSTEM—Continued

|                         |            |                         |          |         |      |
|-------------------------|------------|-------------------------|----------|---------|------|
| Newbury.....            | Mar. 1921  | 25                      | 67.7     | 321     | 15.4 |
| Newcastle.....          | Mar. 1916  | 60                      | 407.2    | 1,718   | 17.5 |
| New Hamburg.....        | Mar. 1911  | 25                      | 850.5    | 3,364   | 8.5  |
| Newmarket.....          | Dec. 1920  | 60                      | 2,637.1  | 12,452  | 17.6 |
| New Toronto.....        | Feb. 1914  | 25                      | 11,769.0 | 69,151  | 9.4  |
| Niagara.....            | Aug. 1919  | 25                      | 1,082.7  | 6,197   | 11.4 |
| Niagara Falls.....      | Dec. 1915  | 25                      | 12,927.8 | 68,123  | 12.4 |
| North York Twp.—V.A.... | Nov. 1923  | 25**                    | 35,688.5 | 152,506 | 50.7 |
| Norwich.....            | May 1912   | 25                      | 655.0    | 2,800   | 11.9 |
| Norwood.....            | Feb. 1921  | 60                      | 260.1    | 1,339   | 9.4  |
| Oakville.....           | Jan. 1930  | 25 & 66 $\frac{2}{3}$ † | 3,567.4  | 16,594  | 23.4 |
| Oil Springs.....        | Feb. 1918  | 60                      | 195.6    | 1,123   | 3.6  |
| Omeme.....              | Jan. 1918  | 60                      | 202.0    | 1,016   | 19.3 |
| Orangeville.....        | July 1916  | 60                      | 1,311.8  | 6,017   | 18.7 |
| Orono.....              | Mar. 1916  | 60                      | 189.2    | 745     | 18.2 |
| Oshawa.....             | Mar. 1916  | 60                      | 24,679.7 | 125,439 | 32.9 |
| Ottawa.....             | Jan. 1914  | 60                      | 55,928.8 | 253,965 | 42.1 |
| Otterville.....         | Feb. 1916  | 25                      | 213.7    | 908     | 11.9 |
| Owen Sound.....         | Dec. 1915  | 60                      | 8,093.4  | 38,679  | 8.9  |
| Paisley.....            | Sept. 1923 | 60                      | 258.5    | 1,078   | 9.5  |
| Palmerston.....         | July 1916  | 25                      | 676.7    | 4,099   | 11.7 |
| Paris.....              | Feb. 1914  | 25                      | 2,453.5  | 12,007  | 12.6 |
| Parkhill.....           | May 1920   | 25                      | 423.2    | 1,982   | 9.0  |
| Parry Sound.....        | Aug. 1946  | 60                      | 616.1    | 1,788   | 7.0  |
| Penetanguishene.....    | July 1911  | 60                      | 1,383.4  | 6,906   | 6.7  |
| Perth.....              | Feb. 1919  | 60                      | 2,229.6  | 10,214  | 11.6 |
| Peterborough.....       | Mar. 1913  | 60                      | 21,500.2 | 119,337 | 14.7 |
| Petrolia.....           | May 1916   | 60                      | 1,113.2  | 6,075   | 7.9  |
| Pictou.....             | April 1919 | 60                      | 2,026.5  | 10,271  | 12.6 |
| Plattsville.....        | Dec. 1914  | 25                      | 265.4    | 995     | 11.9 |
| Point Edward.....       | Nov. 1916  | 60                      | 2,377.3  | 9,971   | 11.5 |
| Port Carling.....       | April 1929 | 60                      | 157.2    | 1,242   | 6.4  |
| Port Colborne.....      | Mar. 1920  | 25                      | 2,679.0  | 12,814  | 18.2 |
| Port Credit.....        | Aug. 1912  | 25                      | 1,853.5  | 9,002   | 22.9 |
| Port Dalhousie.....     | Nov. 1912  | 25                      | 1,132.2  | 6,783   | 13.7 |
| Port Dover.....         | Dec. 1921  | 25                      | 888.2    | 4,135   | 6.5  |
| Port Elgin.....         | April 1930 | 60                      | 629.6    | 3,262   | 9.2  |
| Port Hope.....          | Mar. 1916  | 60                      | 4,230.6  | 22,606  | 21.4 |
| Port McNicoll.....      | Jan. 1915  | 60                      | 161.8    | 730     | 18.4 |
| Port Perry.....         | Sept. 1922 | 60                      | 530.8    | 2,291   | 15.2 |
| Port Rowan.....         | Nov. 1926  | 25                      | 185.0    | 723     | 15.0 |
| Port Stanley.....       | April 1912 | 25                      | 664.3    | 5,103   | 6.6  |
| Prescott.....           | Dec. 1913  | 60                      | 1,383.0  | 6,933   | 9.9  |
| Preston.....            | Jan. 1911  | 25                      | 4,925.8  | 19,531  | 8.8  |
| Priceville.....         | Mar. 1921  | 60                      | 18.7     | 72      | 4.6  |

\*\*Part served at 66 $\frac{2}{3}$  cycles changed to 60 cycles in period ending May 31, 1951.

†Albion Park Section changed to 60 cycles in period ending May 31, 1951.

## LOADS OF MUNICIPAL SYSTEMS 1950

| Municipality | Date of first delivery | Frequency December 31, 1950 | December 1950 peak load | Consumption fiscal year (14 months) | Increase (or decrease) in consumption, calendar year 1950 over 1949 |
|--------------|------------------------|-----------------------------|-------------------------|-------------------------------------|---|
|              |                        | cycles                      | kilowatts               | '000 kwh                            | percentage  |

## SOUTHERN ONTARIO SYSTEM—Continued

|                        |            |         |          |         |      |
|------------------------|------------|---------|----------|---------|------|
| Princeton.....         | Jan. 1915  | 25      | 151.1    | 619     | 8.9  |
| Queenston.....         | Mar. 1921  | 25      | 208.0    | 963     | 14.9 |
| Renfrew.....           | Dec. 1944  | 60      | 1,336.3  | 5,698   | 25.0 |
| Richmond.....          | Aug. 1928  | 60      | 156.5    | 583     | 24.0 |
| Richmond Hill.....     | June 1925  | 60      | 1,086.4  | 4,568   | 20.4 |
| Ridgetown.....         | Dec. 1915  | 25      | 739.4    | 3,392   | 11.2 |
| Ripley.....            | Jan. 1921  | 60      | 144.0    | 637     | 7.6  |
| Riverside.....         | Nov. 1922  | 25      | 2,448.5  | 11,373  | 23.9 |
| Rockwood.....          | Sept. 1913 | 25      | 249.7    | 986     | 25.4 |
| Rodney.....            | Feb. 1917  | 25      | 248.4    | 1,033   | 10.9 |
| Rosseau.....           | July 1931  | 60      | 32.5     | 189     | 1.5  |
| Russell.....           | Feb. 1926  | 60      | 126.5    | 522     | 9.9  |
| St. Catharines.....    | April 1914 | 25 & 60 | 31,536.3 | 168,804 | 18.8 |
| St. Clair Beach.....   | Nov. 1922  | 25      | 152.4    | 682     | 20.4 |
| St. George.....        | Sept. 1915 | 25      | 246.6    | 1,133   | 7.4  |
| St. Jacobs.....        | Sept. 1917 | 25      | 357.0    | 1,472   | 3.1  |
| St. Marys.....         | May 1911   | 25*     | 2,235.5  | 11,202  | 7.9  |
| St. Thomas.....        | April 1911 | 25      | 9,518.0  | 56,397  | 12.1 |
| Sarnia.....            | Dec. 1916  | 60      | 13,804.7 | 91,108  | 13.2 |
| Scarborough Twp.—V.A.. | Aug. 1918  | 60      | 16,350.3 | 70,726  | 40.8 |
| Seaforth.....          | Nov. 1911  | 25*     | 1,373.6  | 5,421   | 10.4 |
| Shelburne.....         | July 1916  | 60      | 499.2    | 2,124   | 16.1 |
| Simcoe.....            | April 1915 | 25      | 3,379.7  | 16,522  | 7.2  |
| Smiths Falls.....      | Sept. 1918 | 60      | 4,104.0  | 20,513  | 0.5  |
| Smithville.....        | Jan. 1930  | 25      | 461.0    | 1,506   | 8.0  |
| Southampton.....       | April 1930 | 60      | 677.5    | 3,618   | 9.2  |
| Springfield.....       | Aug. 1917  | 25      | 122.3    | 488     | 12.5 |
| Stamford Twp.—V.A....  | Nov. 1916  | 25      | 5,758.0  | 27,399  | 20.1 |
| Stayner.....           | Oct. 1913  | 60      | 451.8    | 1,919   | 9.0  |
| Stirling.....          | Mar. 1916  | 60      | 526.0    | 2,360   | 15.1 |
| Stoney Creek.....      | Jan. 1930  | 25      | 804.2    | 3,570   | 27.3 |
| Stouffville.....       | Sept. 1923 | 60      | 687.8    | 3,078   | 17.3 |
| Stratford.....         | Jan. 1911  | 25      | 8,795.4  | 50,158  | 15.2 |
| Strathroy.....         | Dec. 1914  | 25*     | 1,914.5  | 9,649   | 7.7  |
| Streetsville.....      | Dec. 1934  | 25      | 790.1    | 4,274   | 12.5 |
| Sunderland.....        | Nov. 1914  | 60      | 236.8    | 798     | 19.2 |
| Sutton.....            | Aug. 1923  | 60      | 405.1    | 2,325   | 7.5  |
| Swansea.....           | Oct. 1937  | 25      | 3,809.0  | 19,763  | 12.7 |
| Tara.....              | Feb. 1918  | 60      | 205.6    | 805     | 5.3  |
| Tavistock.....         | Nov. 1916  | 25      | 702.6    | 3,067   | 3.4  |
| Tecumseh.....          | Nov. 1922  | 25      | 748.5    | 3,733   | 13.7 |
| Teeswater.....         | Dec. 1920  | 60      | 304.0    | 1,362   | 9.3  |
| Thamesford.....        | Feb. 1914  | 25      | 321.1    | 1,308   | 13.3 |
| Thamesville.....       | Oct. 1915  | 25      | 448.4    | 1,445   | 19.6 |
| Thedford.....          | May 1922   | 25*     | 208.8    | 987     | 19.9 |

\*Changed from 25 to 60 cycles in period ending May 31, 1951.



## LOADS OF MUNICIPAL SYSTEMS 1950

| Municipality                      | Date<br>of first<br>delivery | Fre-<br>quency<br>Decem-<br>ber 31,<br>1950 | December<br>1950<br>peak load | Consump-<br>tion<br>fiscal year<br>(14 months) | Increase<br>(or decrease)<br>in consump-<br>tion, calendar<br>year 1950<br>over 1949 |
|-----------------------------------|------------------------------|---|-------------------------------|--|--|
|                                   |                              | cycles                                      | kilowatts                     | '000 kwh                                       | percentage   |
| SOUTHERN ONTARIO SYSTEM—Continued |                              |   |                               |  |  |
| Thornbury.....                    | Sept. 1944                   | 60  | 228.2                         | 729  | 52.2   |
| Thorndale.....                    | Mar. 1914                    | 25  | 135.6                         | 507  | 8.1  |
| Thornton.....                     | Nov. 1918                    | 60  | 69.0                          | 189  | 0.4  |
| Thorold.....                      | Jan. 1921                    | 25  | 3,692.1                       | 25,274   | 12.7   |
| Tilbury.....                      | April 1915                   | 25  | 1,206.9                       | 5,752  | 18.3   |
| Tillsonburg.....                  | Aug. 1911                    | 25  | 2,607.3                       | 11,341   | 17.4   |
| Toronto.....                      | June 1911                    | 25 & 60                                     | 420,203.0                     | 2,378,872                                      | 12.4   |
| Toronto Twp.—V.A.....             | Aug. 1913                    | 25  | 9,039.9                       | 44,554   | 26.1   |
| Tottenham.....                    | Oct. 1918                    | 60  | 224.0                         | 907  | 13.9   |
| Trafalgar Twp.—V.A.....           | Dec. 1923                    | 25 & 66⅔‡                                   | 1,589.2                       | 6,040  | 35.5   |
| Trenton.....                      | Mar. 1916                    | 60  | 6,844.2                       | 38,102   | 10.3   |
| Tweed.....                        | Mar. 1916                    | 60  | 601.9                         | 2,880  | 25.3   |
| Uxbridge.....                     | Sept. 1922                   | 60  | 639.1                         | 2,844  | 18.8   |
| Victoria Harbour.....             | July 1914                    | 60  | 128.0                         | 696  | 14.9   |
| Walkerton.....                    | April 1930                   | 60  | 1,521.0                       | 6,347  | 14.8   |
| Wallaceburg.....                  | Feb. 1915                    | 25  | 7,091.1                       | 44,008   | 8.8  |
| Wardsville.....                   | June 1921                    | 25  | 126.5                         | 552  | 23.8   |
| Warkworth.....                    | Oct. 1923                    | 60  | 152.0                         | 506  | 23.9   |
| Waterdown.....                    | Nov. 1911                    | 25  | 570.6                         | 2,416  | 20.6   |
| Waterford.....                    | April 1915                   | 25  | 721.8                         | 2,720  | 17.7   |
| Waterloo.....                     | Dec. 1910                    | 25  | 7,479.0                       | 38,053   | 13.0   |
| Watford.....                      | Sept. 1917                   | 60  | 582.1                         | 2,387  | 17.5   |
| Waubashene.....                   | Dec. 1914                    | 60  | 131.7                         | 768  | 2.0  |
| Welland.....                      | Sept. 1917                   | 25  | 11,128.8                      | 58,886   | 11.1   |
| Wellesley.....                    | Nov. 1916                    | 25  | 200.1                         | 795  | 14.4   |
| Wellington.....                   | April 1919                   | 60  | 348.0                         | 1,531  | 10.1   |
| West Lorne.....                   | Jan. 1917                    | 25  | 644.0                         | 2,338  | 10.2   |
| Weston.....                       | Aug. 1911                    | 25  | 6,163.0                       | 33,224   | 18.6   |
| Westport.....                     | Nov. 1931                    | 60  | 192.4                         | 770  | 17.5   |
| Wheatley.....                     | Feb. 1924                    | 25  | 402.0                         | 1,919  | 7.3  |
| Whitby.....                       | Mar. 1916                    | 60  | 2,367.5                       | 11,814   | 17.3   |
| Warton.....                       | Apr 1 1930                   | 60  | 616.0                         | 3,531  | 10.3   |
| Williamsburg.....                 | April 1915                   | 60  | 106.4                         | 537  | 1.1  |
| Winchester.....                   | Jan. 1914                    | 60  | 573.2                         | 2,697  | 8.7  |
| Windermere.....                   | June 1930                    | 60  | 41.9                          | 302  | 19.4   |
| Windsor.....                      | Oct. 1914                    | 25  | 57,180.0                      | 308,180  | 17.1   |
| Wingham.....                      | Dec. 1920                    | 60  | 1,358.8                       | 5,973  | 17.0   |
| Woodbridge.....                   | Dec. 1914                    | 25*   | 1,526.1                       | 7,732  | 39.5   |
| Woodstock.....                    | Jan. 1911                    | 25  | 10,225.0                      | 51,861   | 14.2   |
| Woodville.....                    | Nov. 1914                    | 60  | 98.0                          | 351  | 2.6  |
| Wyoming.....                      | Nov. 1916                    | 60  | 171.5                         | 668  | 3.5  |
| York Twp.—V.A.....                | Jan. 1913                    | 25  | 33,420.0                      | 168,058  | 20.2   |
| Zurich.....                       | Sept. 1917                   | 25  | 206.6                         | 813  | 11.1   |

†Part served at 66 $\frac{2}{3}$  cycles changed to 60 cycles in period ending May 31, 1951.

\*Changed from 25 to 60 cycles in period ending May 31, 1951.

## LOADS OF MUNICIPAL SYSTEMS 1950

| Municipality | Date of first delivery | Fre-<br>quency<br>Decem-<br>ber 31,<br>1950 | December<br>1950<br>peak load | Consump-<br>tion<br>fiscal year<br>(14 months) | Increase<br>(or decrease)<br>in consump-<br>tion, calendar<br>year 1950<br>over 1949 |
|--------------|------------------------|---|-------------------------------|--|--|
|              |                        | cycles                                      | kilowatts                     | '000 kwh                                       | percentage   |

## THUNDER BAY SYSTEM

|                             |           |    |          |         |      |
|-----------------------------|-----------|----|----------|---------|------|
| Atikokan Imp. Dist. ....    | Dec. 1944 | 60 | 838.0    | 3,350   | 58.8 |
| Beardmore Imp. Dist. ....   | June 1937 | 60 | 235.6    | 1,213   | 1.7  |
| Fort William. ....          | Oct. 1926 | 60 | 25,873.3 | 160,638 | 22.7 |
| Geraldton. ....             | Feb. 1937 | 60 | 777.4    | 3,893   | 1.1  |
| Nipigon Twp.—V.A. ....      | Jan. 1925 | 60 | 624.0    | 3,353   | 15.2 |
| Port Arthur. ....           | Dec. 1910 | 60 | 27,175.6 | 134,148 | 2.0  |
| Red Rock Imp. Dist. ....    | Feb. 1948 | 60 | 372.0    | 1,698   | 11.0 |
| Schreiber Twp.—V.A. ....    | Nov. 1948 | 60 | 405.0    | 1,896   | 71.5 |
| Terrace Bay Imp. Dist. .... | Jan. 1948 | 60 | 785.4    | 4,477   | 12.0 |

## NORTHERN ONTARIO PROPERTIES

|                           |            |       |          |        |       |
|---------------------------|------------|-------|----------|--------|-------|
| Cache Bay. ....           | Dec. 1950  | 60    | 40.0     | .....  | ..... |
| Capreol. ....             | May 1935   | 60    | 786.0    | 3,773  | 10.4  |
| Cobalt. ....              | Jan. 1945  | 60    | 768.0    | .....  | ..... |
| Cottage Cove. ....        | Nov. 1940  | 60    | 156.3    | 827    | 3.6   |
| Elk Lake. ....            | Jan. 1945  | 25    | 109.4    | 405    | 1.5   |
| Englehart. ....           | Jan. 1945  | 60    | 527.2    | 2,172  | 21.2  |
| Haileybury. ....          | Jan. 1945  | 60    | 972.4    | 4,442  | 5.7   |
| Hislop Townsite. ....     | Oct. 1936  | 25    | 61.6     | 261    | 25.4  |
| Hudson. ....              | Oct. 1939  | 60    | 115.5    | 538    | 1.0   |
| Kearns Townsite. ....     | Dec. 1938  | 25    | 117.7    | 516    | 10.6  |
| King Kirkland Townsite. . | Dec. 1936  | 25    | 55.7     | 217    | 10.7  |
| Larder Lake. ....         | Mar. 1949  | 60    | 460.0    | 2,188  | ..... |
| Latchford. ....           | April 1950 | 60    | 44.9     | .....  | ..... |
| Matachewan Townsite. .    | April 1935 | 25    | 244.7    | 1,039  | 3.4   |
| Matheson. ....            | Dec. 1935  | 25    | 235.6    | 1,011  | 61.4  |
| McGarry Imp. Dist. ....   | Mar. 1949  | 60    | 535.4    | 2,155  | ..... |
| New Liskeard. ....        | Jan. 1945  | 60    | 1,654.9  | 7,653  | 11.5  |
| North Bay. ....           | Mar. 1916  | 60    | 6,824.1  | 41,972 | 9.9   |
| Powassan. ....            | Mar. 1916  | 60    | 222.4    | 790    | 2.9   |
| Red Lake Townsite. ....   | June 1938  | 60    | 567.2    | 3,190  | 10.1  |
| Schumacher. ....          | Jan. 1945  | 25    | 841.4    | 3,746  | 1.1   |
| Sioux Lookout. ....       | Sept. 1939 | 60    | 766.2    | 4,201  | 16.8  |
| South Porcupine. ....     | Jan. 1945  | 25    | 1,301.0  | 6,010  | 2.5   |
| Sudbury. ....             | Feb. 1930  | 60    | 15,768.0 | 73,056 | 15.3  |
| Swastika Townsite. ....   | Jan. 1945  | 25    | 321.5    | 1,384  | 3.1   |
| Teck Twp. ....            | Jan. 1945  | 25&60 | 4,704.0  | 20,663 | 2.2   |
| Thornloe. ....            | Jan. 1945  | 60    | 28.0     | .....  | ..... |
| Timmins. ....             | Jan. 1945  | 25    | 7,410.0  | 33,731 | 12.9  |





## APPENDIX II

### SCHEDULES IN SUPPORT OF FINANCIAL STATEMENTS PRESENTED IN SECTION II

#### Including Statements of the Cost of Power to, and Sinking Fund Payments of, Municipalities served by the Southern Ontario and Thunder Bay Systems

THE statements which follow provide details in support of the financial statements found in Section II, pages 23 to 37. In previous issues of the Report all of these financial statements were presented in Section IX. Current practice in designing annual reports has prompted the placing of those statements which are probably of greatest interest to the majority of readers in a more prominent position. In order to facilitate the finding of the various accounts and statements thus rearranged, they have been numbered consecutively and listed in an index which appears in both Section II and Appendix II.

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

### FINANCIAL ACCOUNTS

For the fourteen-month period ended December 31, 1950

Relating to Properties operated on a "Cost Basis" for the Co-operating  
Municipalities and Rural Power Districts which are supplied with  
Electric Power and Services from the following Properties:

Southern Ontario System

Thunder Bay System

Service and Administrative Buildings and Equipment

|  | Statement<br>No. | Page |
|--|------------------|------|
| Balance Sheet as at December 31, 1950 .....  | 1                | 26   |
| Statement of Operations for the fourteen-month period ended<br>December 31, 1950 .....     | 2                | 28   |
| Schedules supporting the Balance Sheet as at December 31, 1950:                            |                  |      |
| Funded Debt .....  | 5                | 34   |
| Advances from the Province of Ontario .....  | 6                | 36   |
| Fixed Assets—By Systems and Properties .....   | 7                | 295  |
| Fixed Assets—Changes During Year .....   | 8                | 300  |
| Depreciation Reserves .....  | 9                | 304  |
| Frequency Standardization Reserve .....  | 10               | 304  |
| Contingencies and Obsolescence Reserves .....  | 11               | 305  |
| Stabilization of Rates Reserves .....  | 12               | 306  |
| Rural Power Districts—Rates Suspense Account .....   | 13               | 306  |
| Sinking Fund Reserve .....   | 14               | 307  |
| Statements of Cost of Power for the fourteen-month period ended<br>December 31, 1950 ..... | 15 & 16          | 308  |
| Statements of Sinking Fund Payments by Municipalities .....                                | 17 & 18          | 326  |

### NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of  
Ontario in trust for the Province of Ontario

### FINANCIAL ACCOUNTS

For the fourteen-month period ended December 31, 1950

|  | Statement<br>No. | Page |
|--|------------------|------|
| Balance Sheet as at December 31, 1950 .....                                      | 3                | 30   |
| Operating Account for the fourteen-month period ended<br>December 31, 1950 ..... | 4                | 32   |
| Schedules supporting the Balance Sheet as at December 31, 1950:                  |                  |      |
| Fixed Assets—By Districts .....  | 19               | 330  |
| Fixed Assets—Changes During Year .....   | 20               | 334  |
| Depreciation Reserve .....   | 21               | 336  |
| Contingencies and Obsolescence Reserve .....                                     | 22               | 336  |
| Sinking Fund Reserve .....   | 23               | 336  |

Statement No. 7

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS

## FIXED ASSETS—Summary, December 31, 1950

| System or property   | Under construction | In service      |                | Total          |
|--|--------------------|-----------------|----------------|----------------|
|  |                    | Non-depreciable | Depreciable    |                |
|  | \$                 | \$              | \$             | \$             |
| Southern Ontario System.....   | 83,079,147.82      | 110,016,025.02  | 375,743,787.92 | 568,838,960.76 |
| Thunder Bay System.....  | 1,110,638.69       | 5,690,332.59    | 64,483,724.26  | 71,284,695.54  |
| Administrative and service buildings and equipment...                                | 1,066,506.58       | 657,913.87      | 12,993,287.92  | 14,717,708.37  |
| Rural Power Districts.....   | 3,301,352.52       | 37,559.97       | 93,941,429.74  | 97,280,342.23  |
|  | 88,557,645.61      | 116,401,831.45  | 547,162,229.84 | 752,121,706.90 |
| Less grants in aid of construction—Province of Ontario for Rural Power Districts.... |                    |                 |                | 48,223,013.73  |
|  |                    |                 |                | 703,898,693.17 |



**THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO**  
**SOUTHERN ONTARIO SYSTEM**  
**FIXED ASSETS—December 31, 1950**

| Property                           | Under construction | In service      |               | Total         |
|------------------------------------|--------------------|-----------------|---------------|---------------|
|                                    |                    | Non-depreciable | Depreciable   |               |
|                                    | \$                 | \$              | \$            | \$            |
| <b>GENERATING STATIONS</b>         |                    |                 |               |               |
| <b>Niagara Division:</b>           |                    |                 |               |               |
| <b>Niagara River:</b>              |                    |                 |               |               |
| Sir Adam Beck—Niagara              |                    |                 |               |               |
| No. 1.....                         | 2,446.13           | 47,939,824.30   | 28,693,417.48 | 76,635,687.91 |
| Sir Adam Beck—Niagara              |                    |                 |               |               |
| No. 2.....                         | 859,370.68         |                 |               | 859,370.68    |
| Ontario Power.....                 |                    | 7,281,151.42    | 14,440,029.89 | 21,721,181.31 |
| Toronto Power.....                 | 6,719.82           | 3,823,379.60    | 7,625,168.44  | 11,455,267.86 |
| Weir.....                          |                    | 416,326.62      |               | 416,326.62    |
| <b>Ottawa River:</b>               |                    |                 |               |               |
| Chats Falls.....                   | 44,393.58          | 817,741.54      | 6,497,100.69  | 7,359,235.81  |
| Chenau.....                        | 16,456,880.02      | 721,290.00      | 6,925,710.00  | 24,103,880.02 |
| Des Joachims.....                  |                    | 13,639,498.00   | 56,633,865.36 | 70,273,363.36 |
| Otto Holden.....                   | 25,060,931.10      |                 |               | 25,060,931.10 |
| Power sites, etc.....              | 786,242.82         |                 |               | 786,242.82    |
| <b>Welland Canal:</b>              |                    |                 |               |               |
| DeCew Falls.....                   | 52,765.63          | 9,153,117.56    | 17,251,620.32 | 26,457,503.51 |
| Long Lac Diversion.....            | 26,253.29          | 266,310.12      | 610,871.05    | 903,434.46    |
| Ogoki Diversion.....               |                    | 3,300,590.69    | 1,740,609.06  | 5,041,199.75  |
| Diesel generation.....             |                    |                 | 217,679.70    | 217,679.70    |
| <b>Steam generating stations:</b>  |                    |                 |               |               |
| J. Clark Keith, Windsor.....       | 10,558,613.11      |                 |               | 10,558,613.11 |
| Richard L. Hearn, Toronto.....     | 9,846,854.42       |                 |               | 9,846,854.42  |
| Auxiliaries.....                   |                    |                 | 6,419,336.35  | 6,419,336.35  |
| <b>Georgian Bay Division:</b>      |                    |                 |               |               |
| <b>Muskoka River: (below lake)</b> |                    |                 |               |               |
| Bala No. 1 and No. 2.....          |                    | 69,120.64       | 43,379.34     | 112,499.98    |
| Ragged Rapids.....                 |                    | 70,889.49       | 1,257,982.28  | 1,328,871.77  |
| Big Eddy.....                      |                    | 170,434.74      | 1,118,218.39  | 1,288,653.13  |
| Land and water rights.....         |                    | 17,224.03       |               | 17,224.03     |
| <b>Seyvern River:</b>              |                    |                 |               |               |
| Wasdells.....                      | 286.39             | 13,752.32       | 212,854.44    | 226,893.15    |
| Big Chute.....                     | 3,931.93           | 178,040.48      | 566,364.36    | 748,336.77    |
| <b>Beaver River:</b>               |                    |                 |               |               |
| Eugenia.....                       |                    | 142,538.73      | 1,170,166.50  | 1,312,705.23  |
| <b>Saugeen River:</b>              |                    |                 |               |               |
| Hanover.....                       |                    | 10,000.00       |               | 10,000.00     |
| Walkerton.....                     |                    | 100,461.31      | 104,934.33    | 205,395.64    |
| <b>Muskoka River: (above lake)</b> |                    |                 |               |               |
| South Falls.....                   | 2,098.41           | 17,934.95       | 563,100.65    | 583,134.01    |
| Trethewey Falls.....               |                    | 51,549.45       | 305,605.47    | 357,154.92    |
| Hanna Chute.....                   |                    | 33,469.30       | 207,373.10    | 240,842.40    |
| Hollow Lake Dam.....               |                    | 18,425.43       | 29,540.16     | 47,965.59     |
| <b>Sauble River:</b>               |                    |                 |               |               |
| Lands and rights.....              |                    | 4,200.00        |               | 4,200.00      |
| <b>Credit River:</b>               |                    |                 |               |               |
| Caledon.....                       |                    | 7,675.00        | 27,795.02     | 35,470.02     |
| <b>Magnetawan River:</b>           |                    |                 |               |               |
| Burks Falls.....                   | 1,947.30           | 24,134.00       | 153,429.85    | 179,511.15    |
| Miscellaneous.....                 |                    | 1,735.29        | 44,481.06     | 46,216.35     |
| <b>Eastern Ontario Division:</b>   |                    |                 |               |               |
| <b>Fenelon River:</b>              |                    |                 |               |               |
| Fenelon Falls.....                 | 154.30             | 60,000.00       | 103,093.00    | 163,247.30    |
| <b>Otonabee River:</b>             |                    |                 |               |               |
| Auburn.....                        |                    | 31,400.00       | 302,174.05    | 333,574.05    |
| Lakefield.....                     |                    | 19,620.05       | 216,651.44    | 236,271.49    |

Statement No. 7A

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## SOUTHERN ONTARIO SYSTEM

## FIXED ASSETS—December 31, 1950

| Property                            | Under construction | In service      |                | Total          |
|-------------------------------------|--------------------|-----------------|----------------|----------------|
|                                     |                    | Non-depreciable | Depreciable    |                |
| GENERATING STATIONS—<br>(Continued) | \$                 | \$              | \$             | \$             |
| Trent River:                        |                    |                 |                |                |
| Heely Falls.....                    | 7,033.64           |                 | 1,212,113.67   | 1,219,147.31   |
| Seymour.....                        | 2,542.92           |                 | 314,003.09     | 316,546.01     |
| Ranney Falls.....                   |                    | 18,596.20       | 1,416,784.95   | 1,435,381.15   |
| Crow River.....                     |                    | 1,000.00        |                | 1,000.00       |
| Hagues Reach.....                   |                    |                 | 572,466.30     | 572,466.30     |
| Meyersburg.....                     | 327.15             |                 | 837,281.91     | 837,609.06     |
| Sills Island.....                   |                    | 38,679.36       | 282,696.83     | 321,376.19     |
| Frankford.....                      | 17,862.15          |                 | 252,879.93     | 270,742.08     |
| Sidney.....                         |                    |                 | 249,850.46     | 249,850.46     |
| Mississippi River:                  |                    |                 |                |                |
| High Falls.....                     |                    | 13,154.84       | 709,988.90     | 723,143.74     |
| Galetta.....                        |                    | 20,000.00       | 137,398.19     | 157,398.19     |
| Madawaska River:                    |                    |                 |                |                |
| Barrett Chute.....                  | 1,666.11           | 712,352.73      | 3,994,570.45   | 4,708,589.29   |
| Calabogie.....                      |                    | 79,825.74       | 679,927.48     | 759,753.22     |
| Stewartville.....                   | 24,329.52          | 840,221.08      | 10,589,463.59  | 11,454,014.19  |
| Bark Lake Dam.....                  | 111.42             | 610,309.25      | 799,933.87     | 1,410,354.54   |
| Kaminisneg Dam.....                 |                    | 24,980.86       | 1,795.46       | 26,776.32      |
| Undeveloped sites.....              | 229,517.10         | 800,000.00      |                | 1,029,517.10   |
| Rideau River:                       |                    |                 |                |                |
| Merrickville.....                   | 1,327.84           | 7,547.51        | 112,070.00     | 120,945.35     |
| Miscellaneous.....                  |                    | 14.00           | 36,354.94      | 36,368.94      |
| Intangible.....                     |                    | 2,217,761.29    |                | 2,217,761.29   |
|                                     | 63,994,606.78      | 93,786,277.92   | 175,682,131.80 | 333,463,016.50 |
| TRANSFORMER STATIONS                |                    |                 |                |                |
| Niagara Division.....               | 7,625,261.92       |                 | 96,465,253.57  | 104,090,515.49 |
| Georgian Bay Division.....          | 12,765.37          |                 | 4,370,244.95   | 4,383,010.32   |
| Eastern Ontario Division.....       | 647,527.65         |                 | 10,166,756.07  | 10,814,283.72  |
|                                     | 8,285,554.94       |                 | 111,002,254.59 | 119,287,809.53 |
| TRANSMISSION LINES                  |                    |                 |                |                |
| Niagara Division.....               | 8,255,025.11       | 14,718,105.29   | 66,815,598.84  | 89,788,729.24  |
| Georgian Bay Division.....          | 105,478.63         | 147,890.28      | 4,340,275.06   | 4,593,643.97   |
| Eastern Ontario Division.....       | 1,784,832.68       | 1,363,751.53    | 12,050,285.97  | 15,198,870.18  |
|                                     | 10,145,336.42      | 16,229,747.10   | 83,206,159.87  | 109,581,243.39 |
| LOCAL SYSTEMS                       |                    |                 |                |                |
| Niagara Division.....               | 61.90              |                 | 88,246.20      | 88,308.10      |
| Georgian Bay Division.....          | 3,372.81           |                 | 166,936.83     | 170,309.64     |
|                                     | 3,434.71           |                 | 255,183.03     | 258,617.74     |
| COMMUNICATIONS                      |                    |                 |                |                |
| Southern Ontario System.....        | 650,214.97         |                 | 5,598,058.63   | 6,248,273.60   |
| Sub-total.....                      | 83,079,147.82      | 110,016,025.02  | 375,743,787.92 | 568,838,960.76 |
| RURAL POWER DISTRICT                |                    |                 |                |                |
| H-E.P.C. investment.....            | 1,654,203.26       | 37,559.97       | 46,396,731.94  | 48,088,495.17  |
| Government grants.....              | 1,623,960.01       |                 | 45,630,348.21  | 47,254,308.22  |
|                                     | 86,357,311.09      | 110,053,584.99  | 467,770,868.07 | 664,181,764.15 |

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## THUNDER BAY SYSTEM

## FIXED ASSETS—December 31, 1950

| Property                  | Under construction | In service      |               | Total         |
|---------------------------|--------------------|-----------------|---------------|---------------|
|                           |                    | Non-depreciable | Depreciable   |               |
| GENERATING STATIONS:      | \$                 | \$              | \$            | \$            |
| Nipigon River:            |                    |                 |               |               |
| Cameron Falls.....        | 182,870.41         | 857,418.84      | 9,111,838.36  | 10,152,127.61 |
| Alexander.....            | 204,228.86         | 77,090.06       | 6,932,202.67  | 7,213,521.59  |
| Pine Portage.....         |                    | 2,630,000.00    | 24,458,989.33 | 27,088,989.33 |
| Virgin Falls Dam.....     |                    | 55,450.41       | 431,190.80    | 486,641.21    |
| Aguasabon River:          |                    |                 |               |               |
| Aguasabon.....            |                    | 937,004.94      | 11,845,859.45 | 12,782,864.39 |
| Kaministiquia River:      |                    |                 |               |               |
| Kakabeka Falls.....       |                    | 516,753.86      | 3,681,569.63  | 4,198,323.49  |
|                           | 387,099.27         | 5,073,718.11    | 56,461,650.24 | 61,922,467.62 |
| TRANSFORMER STATIONS..... | 196,404.13         |                 | 1,737,824.39  | 1,934,228.52  |
| TRANSMISSION LINES.....   | 490,939.48         | 616,614.48      | 5,907,237.28  | 7,014,791.24  |
| COMMUNICATIONS.....       | 34,699.16          |                 | 249,327.48    | 284,026.64    |
| LOCAL SYSTEMS.....        | 1,496.65           |                 | 127,684.87    | 129,181.52    |
| Sub-total.....            | 1,110,638.69       | 5,690,332.59    | 64,483,724.26 | 71,284,695.54 |
| RURAL POWER DISTRICT:     |                    |                 |               |               |
| H-E.P.C. investment.....  | 11,615.38          |                 | 957,217.95    | 968,833.33    |
| Government grants.....    | 11,573.87          |                 | 957,131.64    | 968,705.51    |
|                           | 23,189.25          |                 | 1,914,349.59  | 1,937,538.84  |
|                           | 1,133,827.94       | 5,690,332.59    | 66,398,073.85 | 73,222,234.38 |



## Statement No. 7C

**THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO**  
**ADMINISTRATIVE BUILDINGS AND SERVICE BUILDINGS AND EQUIPMENT**

**FIXED ASSETS—December 31, 1950**

| Property                                | Under construction | In service      |               | Total         |
|---|--------------------|-----------------|---------------|---------------|
|   |                    | Non-depreciable | Depreciable   |               |
| <b>ADMINISTRATIVE BUILDINGS:</b>        | \$                 | \$              | \$            | \$            |
| Toronto—University Ave...               | 81,529.97          | 458,909.07      | 4,098,556.61  | 4,638,995.65  |
| —210 Bloor St. W..                      | 29,264.63          | 42,000.00       | 228,000.00    | 299,264.63    |
|   | 110,794.60         | 500,909.07      | 4,326,556.61  | 4,938,260.28  |
| <b>SERVICE BUILDINGS AND EQUIPMENT:</b> |                    |                 |               |               |
| <b>Buildings:</b>                       |                    |                 |               |               |
| Toronto—Strachan Avenue..               | 17,231.78          |                 | 192,491.78    | 209,723.56    |
| —1379 Bloor St. W. ....                 |                    |                 | 50,000.00     | 50,000.00     |
| A. W. Manby Service Centre              | 830,236.38         | 157,004.80      | 5,003,797.34  | 5,991,038.52  |
| Cobourg.....                            |                    |                 | 4,879.24      | 4,879.24      |
| Sir Adam Beck—Niagara                   |                    |                 |               |               |
| Generating Station No. 2                |                    |                 |               |               |
| warehouse.....                          | 108,243.82         |                 |               | 108,243.82    |
| Hamilton.....                           |                    |                 | 550,000.00    | 550,000.00    |
| <b>Equipment:</b>                       |                    |                 |               |               |
| Toronto.....                            |                    |                 | 1,254,979.27  | 1,254,979.27  |
| Regions.....                            |                    |                 | 242,557.91    | 242,557.91    |
| <b>Office equipment:</b>                |                    |                 |               |               |
| Toronto.....                            |                    |                 | 806,253.89    | 806,253.89    |
| Regions.....                            |                    |                 | 561,771.88    | 561,771.88    |
|   | 955,711.98         | 157,004.80      | 8,666,731.31  | 9,779,448.09  |
|   | 1,066,506.58       | 657,913.87      | 12,993,287.92 | 14,717,708.37 |

**THE HYDRO-ELECTRIC POWER  
STATEMENT SHOWING CHANGES IN FIXED ASSETS—**

| Class of asset                        | Balance at<br>beginning<br>of period | Expenditures<br>during period |
|---------------------------------------|--------------------------------------|-------------------------------|
| <b>SOUTHERN ONTARIO SYSTEM</b>        |                                      |                               |
| <b>GENERATING STATIONS</b>            | \$                                   | \$                            |
| Niagara Division:                     |                                      |                               |
| Sir Adam Beck—Niagara No. 1.....      | 76,644,585.99                        | 1,006.92                      |
| Sir Adam Beck—Niagara No. 2.....      |                                      | 859,370.68                    |
| Ontario Power.....                    | 21,721,181.31                        |                               |
| Toronto Power.....                    | 11,450,401.94                        | 4,865.92                      |
| Niagara Weir.....                     | 416,326.62                           |                               |
| Chats Falls.....                      | 7,301,586.71                         | 109,216.91                    |
| Chenau.....                           | 12,862,214.50                        | 11,241,665.52                 |
| Des Joachims.....                     | 47,546,854.86                        | 22,709,678.50                 |
| Otto Holden.....                      | 9,918,277.40                         | 15,142,653.70                 |
| DeCew Falls.....                      | 26,431,450.47                        | 38,824.93                     |
| Ogoki Diversion.....                  | 5,033,297.88                         | 7,901.87                      |
| Steam generation:                     |                                      |                               |
| J. Clark Keith, Windsor.....          | 2,964,700.69                         | 7,593,912.42                  |
| Richard L. Hearn, Toronto.....        | 497,155.23                           | 9,349,699.19                  |
| Auxiliaries.....                      | 4,109,313.34                         | 2,700,413.45                  |
| Diesel generation.....                | 215,824.08                           | 3.14                          |
| Other properties.....                 | 1,665,653.08                         | 26,253.29                     |
| Georgian Bay Division:                |                                      |                               |
| Eugenia.....                          | 1,313,804.88                         | 1,674.35                      |
| Ragged Rapids.....                    | 1,329,642.14                         | 120.55                        |
| Big Eddy.....                         | 1,288,653.13                         |                               |
| Big Chute.....                        | 745,119.43                           | 4,712.24                      |
| South Falls.....                      | 583,796.21                           | 662.20                        |
| Trethewey Falls.....                  | 357,154.92                           |                               |
| Other properties.....                 | 899,382.94                           | 188,169.54                    |
| Eastern Ontario Division:             |                                      |                               |
| Hagues Reach.....                     | 572,466.30                           |                               |
| Auburn.....                           | 334,348.11                           | 40.30                         |
| Seymour.....                          | 308,840.78                           | 790.93                        |
| Ranney Falls.....                     | 1,435,381.15                         |                               |
| Heely Falls.....                      | 1,206,341.33                         | 12,805.98                     |
| Meyersburg.....                       | 837,594.50                           | 14.56                         |
| High Falls.....                       | 720,393.15                           | 4,721.56                      |
| Barrett Chute.....                    | 4,714,431.69                         | 551.10                        |
| Bark Lake Dam.....                    | 1,410,243.12                         | 111.42                        |
| Calabogie.....                        | 759,370.22                           | 383.00                        |
| Stewartville.....                     | 11,408,127.50                        | 45,886.69                     |
| Sills Island.....                     | 321,376.19                           |                               |
| Intangible and undeveloped sites..... | 3,193,842.95                         | 53,435.44                     |
| Other properties.....                 | 1,137,507.20                         | 126,328.29                    |
|                                       | 263,656,641.94                       | 70,224,469.59                 |
| <b>TRANSFORMER STATIONS</b>           |                                      |                               |
| Niagara Division.....                 | 81,821,673.45                        | 22,856,773.05                 |
| Georgian Bay Division.....            | 3,945,409.53                         | 523,776.57                    |
| Eastern Ontario Division.....         | 8,688,028.83                         | 2,289,150.37                  |
|                                       | 94,455,111.81                        | 25,669,699.99                 |
| <b>TRANSMISSION LINES</b>             |                                      |                               |
| Niagara Division.....                 | 67,080,679.53                        | 22,802,710.11                 |
| Georgian Bay Division.....            | 4,932,210.95                         | 88,012.33                     |
| Eastern Ontario Division.....         | 12,937,542.76                        | 2,354,254.79                  |
|                                       | 84,950,433.24                        | 25,244,977.23                 |
| <b>COMMUNICATIONS</b>                 |                                      |                               |
| All divisions.....                    | 3,365,528.38                         | 2,667,763.43                  |

## COMMISSION OF ONTARIO

Statement No. 8

For the Fourteen-Month Period Ended December 31, 1950

| Adjustment<br>for equipment<br>relocated | Retirements   |   | Balance at<br>end of period |
|--|---|---|-----------------------------|
|  | Values<br>recovered<br>(stores, sales<br>and salvage) | Charged to<br>reserves for<br>depreciation and<br>contingencies |                             |
| \$                                       | \$  | \$  | \$                          |
| 3,005.00                                 | 6,400.00  | 500.00  | 76,635,687.91               |
|  |   |   | 859,370.68                  |
|  |   |   | 21,721,181.31               |
|  |   |   | 11,455,267.86               |
|  |   |   | 416,326.62                  |
| 51,500.00                                | 67.81   |   | 7,359,235.81                |
|  |   |   | 24,103,880.02               |
| 16,830.00                                |   |   | 70,273,363.36               |
|  |   |   | 25,060,931.10               |
|  | 12,771.89   |   | 26,457,503.51               |
|  |   |   | 5,041,199.75                |
|  |   |   | 10,558,613.11               |
|  |   |   | 9,846,854.42                |
|  |   | 390,390.44  | 6,419,336.35                |
|  |   | 1,852.48  | 217,679.70                  |
| 2,229.09                                 |   |   | 1,689,677.28                |
|  |   |   |                             |
| 1,349.00                                 |   | 1,425.00  | 1,312,705.23                |
| 750.00                                   | 951.84  | 50.00   | 1,328,010.85                |
|  |   |   | 1,288,653.13                |
| 472.02                                   | 87.18   | 1,018.82  | 749,197.69                  |
|  |   |   | 583,134.01                  |
|  |   |   | 357,154.92                  |
| 46,846.33                                | 14.47   | 8,166.03  | 1,126,218.31                |
|  |   |   |                             |
|  |   |   | 572,466.30                  |
| 375.00                                   |   | 358.76  | 333,574.05                  |
| 6,914.30                                 |   |   | 316,546.01                  |
|  |   |   | 1,435,381.15                |
|  |   |   | 1,219,147.31                |
|  |   |   | 837,609.06                  |
|  |   | 1,970.97  | 723,143.74                  |
| 679.00                                   | 5,365.50  | 349.00  | 4,708,589.29                |
|  |   |   | 1,410,354.54                |
|  |   |   | 759,753.22                  |
|  |   |   | 11,454,014.19               |
|  |   |   | 321,376.19                  |
|  |   |   | 3,247,278.39                |
|  |   | 1,235.36  | 1,262,600.13                |
|  |   |   |                             |
| 11,175.56                                | 25,658.69   | 403,611.90  | 333,463,016.50              |
|  |   |   |                             |
| 82,627.49                                | 71,966.65   | 433,336.87  | 104,090,515.49              |
| 28,370.06                                | 24,073.59   | 90,472.25   | 4,383,010.32                |
| 16,409.22                                | 20,116.28   | 126,369.98  | 10,814,283.72               |
|  |   |   |                             |
| 70,666.65                                | 116,156.52  | 650,179.10  | 119,287,809.53              |
|  |   |   |                             |
| 436,332.48                               | 55,282.66   | 475,710.22  | 89,788,729.24               |
| 393,021.69                               | 2,275.91  | 31,281.71   | 4,593,643.97                |
| 41,277.94                                | 4,270.79  | 47,378.64   | 15,198,870.18               |
|  |   |   |                             |
| 2,032.85                                 | 61,829.36   | 554,370.57  | 109,581,243.39              |
|  |   |   |                             |
| 254,590.31                               | 622.20  | 38,986.32   | 6,248,273.60                |



**THE HYDRO-ELECTRIC POWER  
STATEMENT SHOWING CHANGES IN FIXED ASSETS—**

| Class of asset  | Balance at<br>beginning<br>of period | Expenditures<br>during period |
|---|--------------------------------------|-------------------------------|
| <b>SOUTHERN ONTARIO SYSTEM—(Continued)</b>                          |                                      |                               |
| <b>LOCAL SYSTEMS</b>  | \$                                   | \$                            |
| Niagara Division.....   | 86,772.54                            | 2,654.56                      |
| Georgian Bay Division.....  | 173,261.20                           | 14,350.43                     |
|   | 260,033.74                           | 17,004.99                     |
| Sub-total.....  | 446,687,749.11                       | 123,823,915.23                |
| <b>RURAL POWER DISTRICT</b>   |                                      |                               |
| H-E.P.C. investments.....   | 41,226,343.22                        | 7,619,141.65                  |
| Government grants.....  | 40,528,200.08                        | 7,483,097.83                  |
|   | 81,754,543.30                        | 15,102,239.48                 |
| Southern Ontario System—Total.....                                  | 528,442,292.41                       | 138,926,154.71                |
| <b>THUNDER BAY SYSTEM</b>   |                                      |                               |
| Generating Stations.....  | 53,525,671.86                        | 8,974,381.33                  |
| Transformer Stations.....   | 1,711,369.11                         | 212,521.50                    |
| Transmission Lines.....   | 4,976,857.55                         | 2,054,759.34                  |
| Local System.....   | 122,322.16                           | 7,085.23                      |
| Communications.....   | 139,792.09                           | 144,294.98                    |
| Sub-total.....  | 60,476,012.77                        | 11,393,042.38                 |
| <b>RURAL POWER DISTRICT</b>   |                                      |                               |
| H-E.P.C. investments.....   | 803,115.46                           | 182,620.89                    |
| Government grants.....  | 803,075.45                           | 182,533.07                    |
|   | 1,606,190.91                         | 365,153.96                    |
| Thunder Bay System—Total.....                                       | 62,082,203.68                        | 11,758,196.34                 |
| <b>ADMINISTRATIVE BUILDINGS AND SERVICE BUILDINGS AND EQUIPMENT</b> |                                      |                               |
| <b>ADMINISTRATIVE BUILDINGS:</b>                                    |                                      |                               |
| Toronto—University Avenue.....                                      | 4,380,921.89                         | 486,897.82                    |
| —210 Bloor Street West.....   | 238,774.82                           | 60,489.81                     |
|   | 4,619,696.71                         | 547,387.63                    |
| <b>SERVICE BUILDINGS AND EQUIPMENT:</b>                             |                                      |                               |
| Buildings:  |                                      |                               |
| Toronto—Strachan Avenue.....  | 192,993.78                           | .....                         |
| —1379 Bloor Street West.....  | 50,000.00                            | .....                         |
| A. W. Manby Service Centre.....                                     | 4,237,770.54                         | 1,915,472.98                  |
| Other properties.....   | 554,879.24                           | 153,243.82                    |
| Equipment—Toronto.....  | 1,105,659.20                         | 331,954.88                    |
| —Regions.....   | 124,960.44                           | 67,021.48                     |
| Office equipment—Toronto.....                                       | †572,861.31                          | 233,392.58                    |
| —Regions.....   | †475,197.60                          | 137,150.27                    |
|   | 7,314,322.11                         | 2,838,236.01                  |
| Total.....  | 11,934,018.82                        | 3,385,623.64                  |
| Grand total.....  | 602,458,514.91                       | 154,069,974.69                |
| Less grants in aid of construction:                                 |                                      |                               |
| Province of Ontario for Rural Power Districts.....                  | 41,331,275.53                        | 6,891,738.20                  |
| Total fixed assets.....   | 561,127,239.38                       | 147,178,236.49                |

†Classified as inventory in prior years

\*Portion charged to Operations

## COMMISSION OF ONTARIO

Statement No. 8

For the Fourteen-Month Period Ended December 31, 1950

| Adjustment<br>for equipment<br>relocated                           | Retirements  |  | Balance at<br>end of period |
|--|--|--|-----------------------------|
|  | Values recovered<br>(stores, sales<br>and salvage) | Charged to reserves<br>for depreciation and<br>contingencies |                             |
| \$   | \$   | \$   | \$                          |
| .....  | 309.55   | 809.45   | 88,308.10                   |
| .....  | 15,838.59  | 1,463.40   | 170,309.64                  |
| .....  | 16,148.14  | 2,272.85   | 258,617.74                  |
| 197,132.07   | 220,414.91   | 1,649,420.74   | 568,838,960.76              |
| 4,691.83   | 663,082.04   | 89,215.83  | 48,088,495.17               |
| 4,691.82   | 663,082.04   | 89,215.83  | 47,254,308.22               |
| 9,383.65   | 1,326,164.08                                       | 178,431.66   | 95,342,803.39               |
| 187,748.42   | 1,546,578.99                                       | 1,827,852.40   | 664,181,764.15              |
| .....  | 478,224.97   | 99,360.60  | 61,922,467.62               |
| 50,083.00  | 21,823.06  | 17,922.03  | 1,934,228.52                |
| .....  | 4,038.65   | 12,787.00  | 7,014,791.24                |
| .....  | 70.79  | 155.08   | 129,181.52                  |
| .....  | 60.43  | .....  | 284,026.64                  |
| 50,083.00  | 504,217.90   | 130,224.71   | 71,284,695.54               |
| .....  | 16,493.52  | 409.50   | 968,833.33                  |
| .....  | 16,493.51  | 409.50   | 968,705.51                  |
| .....  | 32,987.03  | 819.00   | 1,937,538.84                |
| 50,083.00  | 537,204.93   | 131,043.71   | 73,222,234.38               |
| 192,831.42   | .....  | *35,992.64   | 4,638,995.65                |
| .....  | .....  | .....  | 299,264.63                  |
| 192,831.42   | .....  | 35,992.64  | 4,938,260.28                |
| 502.00   | .....  | .....  | 192,491.78                  |
| .....  | .....  | .....  | 50,000.00                   |
| .....  | 72,186.92  | *72,786.30   | 6,008,270.30                |
| 45,000.00  | .....  | .....  | 663,123.06                  |
| 502.00   | 24,504.33  | *158,632.48  | 1,254,979.27                |
| 50,575.99  | .....  | .....  | 242,557.91                  |
| .....  | .....  | .....  | 806,253.89                  |
| 50,575.99  | .....  | .....  | 561,771.88                  |
| 45,000.00  | 96,691.25  | 231,418.78   | 9,779,448.09                |
| 237,831.42   | 96,691.25  | 267,411.42   | 14,717,708.37               |
| .....  | 2,180,475.17                                       | 2,226,307.53   | 752,121,706.90              |
| .....  | .....  | .....  | 48,223,013.73               |
| .....  | 2,180,475.17                                       | 2,226,307.53   | 703,898,693.17              |
| Depreciation.....  | .....  | .....  | \$ 1,071,312.57             |
| Contingencies.....   | .....  | .....  | 621,149.28                  |
| Amortization of auxiliary steam plants charged to Contingencies... | .....  | .....  | 420,806.04                  |
| Operations.....  | .....  | .....  | 113,039.64                  |

Statement No. 9

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS

## DEPRECIATION RESERVES—December 31, 1950

|   | Southern<br>Ontario<br>System | Thunder<br>Bay<br>System | Administrative<br>and service<br>buildings and<br>equipment | Totals         |
|---|-------------------------------|--------------------------|---|----------------|
|   | \$                            | \$                       | \$  | \$             |
| Balances at November 1, 1949  | 81,175,110.48                 | 6,098,968.07             | *1,200,413.95   | *88,474,492.50 |
| Add:  |                               |                          |   |                |
| Interest at 4% per annum<br>on reserve balances.....  | 3,788,171.82                  | 284,618.52               | 51,942.94   | 4,124,733.28   |
| Provision in the 14-month<br>period—direct.....   | 5,161,516.65                  | 504,727.82               | .....   | 5,666,244.47   |
| —indirect.....  | .....                         | .....                    | 368,592.86  | 368,592.86     |
| Sub-total.....  | 90,124,798.95                 | 6,888,314.41             | 1,620,949.75  | 98,634,063.11  |
| Deduct:   |                               |                          |   |                |
| Amount withdrawn for re-<br>newals.....   | 250,092.25                    | 4,454.40                 | .....   | 254,546.65     |
| Amount withdrawn in re-<br>spect of assets removed<br>from service.....                                       | 851,509.78                    | 65,431.01                | 154,371.78  | 1,071,312.57   |
| Excess reserve accumulated<br>against assets removed<br>from service—transferred<br>to contingency reserve... | 87,989.83                     | .....                    | .....   | 87,989.83      |
| Sundry adjustments (net)...   | 45,559.23                     | 7,704.71                 | 29,021.84   | 66,876.36      |
| Balances at December 31, 1950   | 88,889,647.86                 | 6,826,133.71             | 1,437,556.13  | 97,153,337.70  |

\*Includes reserve of \$87,351.10 against office furniture and equipment—classified as inventory in prior years.

Statement No. 10

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## SOUTHERN ONTARIO SYSTEM

## FREQUENCY STANDARDIZATION RESERVE—December 31, 1950

|  |               |
|--|---------------|
|  | \$            |
| Balance at November 1, 1949.....                     | 59,589,685.43 |
| Add:   |               |
| Prior year adjustment.....                           | 101,878.00    |
| Interest at 4% per annum on monthly balance.....     | 1,691,971.20  |
| Provision in the 14-month period.....                | 6,984,158.80  |
| Industrial consumers' contributions.....             | 154,240.95    |
|  | 68,521,934.38 |
| Less expenditures for frequency standardization..... | 25,946,637.90 |
| Balance at December 31, 1950.....                    | 42,575,296.48 |



## Statement No. 11

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS

## CONTINGENCIES AND OBSOLESCENCE RESERVES—December 31, 1950

|  | Southern<br>Ontario<br>System | Thunder<br>Bay<br>System | Totals        |
|--|-------------------------------|--------------------------|---------------|
|  | \$                            | \$                       | \$            |
| Balances at November 1, 1949 .....   | 23,897,991.28                 | 6,799,401.36             | 30,697,392.64 |
| Add:   |                               |                          |               |
| Interest at 4% per annum on reserve<br>balances .....  | 1,111,355.06                  | 259,506.86               | 1,370,861.92  |
| Provision in the 14-month period .....   | 6,825,505.83                  | 406,331.82               | 7,231,837.65  |
| Transfer of fire insurance and miscellan-<br>eous reserves no longer carried .....                                       | 460,721.34                    | 12,218.47                | 448,502.87    |
| Excess depreciation reserve accumulated<br>against assets removed from service,<br>transferred from depreciation reserve | 87,989.83                     | .....                    | 87,989.83     |
| Adjustments arising from the transfer of<br>equipment, etc. ....   | 32,412.10                     | 22,260.56                | 54,672.66     |
| Sub-total .....  | 32,415,975.44                 | 7,475,282.13             | 39,891,257.57 |
| Deduct:  |                               |                          |               |
| Contingencies met with during the 14-<br>month period .....  | 662,999.92                    | 12,988.75                | 675,988.67    |
| Excess of cost of fixed assets retired over<br>accumulated depreciation reserve—   |                               |                          |               |
| current period .....   | 555,536.58                    | 65,612.70                | 621,149.28    |
| prior years .....  | 303,473.87                    | 26,251.83                | 329,725.70    |
| Amortization of auxiliary steam and diesel<br>generating equipment .....   | 420,806.04                    | .....                    | 420,806.04    |
| Balances at December 31, 1950 .....  | 30,473,159.03                 | 7,370,428.85             | 37,843,587.88 |

## Statement No. 12

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS

## STABILIZATION OF RATES RESERVES—December 31, 1950

|  | Southern<br>Ontario<br>System | Thunder Bay   |                | Total            |
|--|-------------------------------|---------------|----------------|------------------|
|  |                               | System        | Mining<br>area |                  |
| Balances at November 1, 1949.                        | \$ 21,609,911.38              | \$ 534,621.05 | \$ 542,177.70  | \$ 22,686,710.13 |
| Interest at 4% per annum<br>on reserve balances..... | 1,008,462.52                  | 24,948.97     | 25,301.62      | 1,058,713.11     |
| Appropriation in the 14-month<br>period.....         | .....                         | .....         | 83,476.33      | 83,476.33        |
| Balances at December 31, 1950                        | 22,618,373.90                 | 559,570.02    | 650,955.65     | 23,828,899.57    |

NOTE: The above amount of \$22,618,373.90 includes special accounts of \$1,820,135.64, \$432,942.60 and \$816,514.19 pertaining to municipalities of the Niagara, Georgian Bay, and Eastern Ontario Divisions respectively.

## Statement No. 13

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS

## RURAL POWER DISTRICTS—RATES SUSPENSE ACCOUNT—December 31, 1950

|  | Southern<br>Ontario | Thunder<br>Bay | Total           |
|--|---------------------|----------------|-----------------|
| Balances at credit or <i>debit</i> November 1, 1949..  | \$ 2,307,093.66     | \$ 85,614.60   | \$ 2,221,479.06 |
| Interest at 4% on monthly balances.....  | 72,758.35           | 3,447.82       | 69,310.53       |
| Excess or <i>deficiency</i> of revenue from sale of<br>power for the 14-month period ended<br>December 31, 1950..... | 148,479.58          | 55,417.78      | 93,061.80       |
| Adjustments made during the period.....  | 985.77              | 1,003.59       | 17.82           |
| Balances at credit or <i>debit</i> December 31, 1950..   | 2,527,345.82        | 143,476.61     | 2,383,869.21    |

## Statement No. 14

## THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO

## SOUTHERN ONTARIO AND THUNDER BAY SYSTEMS

## SINKING FUND RESERVES—December 31, 1950

|  | Southern<br>Ontario<br>System | Thunder<br>Bay<br>System | Administrative<br>and service<br>buildings and<br>equipment | Total          |
|--|-------------------------------|--------------------------|---|----------------|
|  | \$                            | \$                       | \$  | \$             |
| Balances at November 1, 1949                         | 109,407,621.34                | 6,235,585.67             | 1,202,810.82  | 116,846,017.83 |
| Interest at 4% per annum<br>on reserve balances..... | 5,105,689.00                  | 290,994.00               | 56,020.49   | 5,452,703.49   |
| Provision in the 14-month<br>period—direct.....      | 5,183,353.70                  | 625,536.86               | .....   | 5,808,890.56   |
| —indirect.....                                       | .....                         | .....                    | 104,452.34  | 104,452.34     |
| Balances at December 31, 1950                        | 119,696,664.04                | 7,152,116.53             | 1,363,283.65  | 128,212,064.22 |



## SOUTHERN ONTARIO

## COST OF POWER, AMOUNT BILLED AT INTERIM RATES,

For the Fourteen-Month Period

| Municipality       | Interim<br>rate<br>per<br>kilowatt | Average<br>load<br>supplied in<br>14-month<br>period<br>after<br>correction<br>for<br>power<br>factor<br><br>kilowatts | Share of operating            |   |            |
|--------------------|------------------------------------|--|-------------------------------|---|------------|
|                    |                                    |  | Cost of<br>power<br>purchased | Operating<br>maintenance<br>and<br>administrative<br>expenses | Interest   |
|                    | \$                                 |  | \$                            | \$  | \$         |
| Acton.....         | 37.50                              | 2,182.4  | 19,635.21                     | 20,217.90   | 22,625.86  |
| Agincourt.....     | 40.20                              | 497.4  | 4,475.14                      | 5,468.36  | 5,935.37   |
| Ailsa Craig.....   | 43.50                              | 176.0  | 1,583.48                      | 2,559.29  | 2,169.81   |
| Alexandria.....    | 44.20                              | 518.1  | 4,661.38                      | 5,577.06  | 5,921.83   |
| Alliston.....      | 40.80                              | 678.6  | 6,105.41                      | 8,449.46  | 6,750.84   |
| Almonte.....       | 39.50                              | 571.4  | 5,140.92                      | 6,821.26  | 5,661.10   |
| Alvinston.....     | 52.20                              | 153.1  | 1,377.45                      | 2,381.92  | 2,502.58   |
| Amherstburg.....   | 42.20                              | 1,543.5  | 13,886.97                     | 16,649.66   | 18,641.43  |
| Ancaster Twp.....  | 39.50                              | 582.0  | 5,236.30                      | 6,876.88  | 6,520.24   |
| Apple Hill.....    | 43.50                              | 49.9   | 448.95                        | 645.48  | 488.29     |
| Arkona.....        | 52.20                              | 124.6  | 1,121.03                      | 1,781.71  | 1,640.80   |
| Arnprior.....      | 34.80                              | 1,759.6  | 15,831.24                     | 15,554.71   | 14,531.45  |
| Arthur.....        | 52.20                              | 287.7  | 2,588.46                      | 5,601.10  | 3,561.71   |
| Athens.....        | 44.90                              | 152.7  | 1,373.85                      | 3,305.68  | 1,289.96   |
| Aurora.....        | 36.80                              | 1,735.2  | 15,611.71                     | 15,089.86   | 16,872.56  |
| Aylmer.....        | 39.50                              | 1,478.9  | 13,305.76                     | 15,419.83   | 16,451.73  |
| Ayr.....           | 42.90                              | 334.8  | 3,012.23                      | 3,992.50  | 3,808.09   |
| Baden.....         | 37.50                              | 660.3  | 5,940.76                      | 5,975.27  | 6,655.15   |
| Bancroft.....      | 52.20                              | 42.7   | 384.17                        | 6,768.99  | 4,891.51   |
| Barrie.....        | 32.80                              | 5,746.1  | 51,698.03                     | 53,534.48   | 42,673.21  |
| Barry's Bay.....   | 52.20                              | 70.0   | 629.80                        | 1,288.95  | 1,118.41   |
| Bath.....          | 51.60                              | 78.7   | 708.07                        | 1,044.10  | 648.93     |
| Beachville.....    | 38.50                              | 810.8  | 7,294.82                      | 8,452.28  | 8,842.43   |
| Beamsville.....    | 35.50                              | 696.0  | 6,261.96                      | 7,445.12  | 6,174.85   |
| Beaverton.....     | 40.20                              | 404.9  | 3,642.91                      | 5,642.33  | 3,885.59   |
| Beeton.....        | 52.20                              | 151.0  | 1,358.56                      | 2,471.31  | 2,028.03   |
| Belle River.....   | 44.20                              | 328.3  | 2,953.74                      | 3,867.87  | 4,106.13   |
| Belleville.....    | 32.10                              | 9,184.8  | 82,636.25                     | 74,720.11   | 66,755.88  |
| Blenheim.....      | 41.50                              | 740.4  | 6,661.43                      | 8,390.41  | 8,949.18   |
| Bloomfield.....    | 46.20                              | 192.0  | 1,727.44                      | 3,984.45  | 1,835.10   |
| Blyth.....         | 46.20                              | 290.9  | 2,617.25                      | 3,370.42  | 3,539.01   |
| Bobcaygeon.....    | 52.20                              | 212.0  | 1,907.38                      | 5,990.88  | 2,258.38   |
| Bolton.....        | 42.20                              | 293.9  | 2,644.24                      | 3,192.35  | 3,272.77   |
| Bothwell.....      | 46.90                              | 182.5  | 1,641.96                      | 2,521.39  | 2,527.40   |
| Bowmanville.....   | 37.50                              | 3,480.5  | 31,314.29                     | 36,441.47   | 31,203.80  |
| Bradford.....      | 41.50                              | 549.5  | 4,943.89                      | 6,950.03  | 5,503.12   |
| Braeside.....      | 36.10                              | 214.3  | 1,928.07                      | 2,052.08  | 1,769.78   |
| Brampton.....      | 34.80                              | 3,964.6  | 35,669.77                     | 30,460.48   | 35,659.16  |
| Brantford.....     | 34.80                              | 23,466.1   | 211,126.06                    | 191,920.36  | 215,132.59 |
| Brantford Twp..... | 35.50                              | 3,212.2  | 28,900.38                     | 27,296.22   | 29,963.45  |

## SYSTEM

Statement No. 15

## AND BALANCE CREDITED OR CHARGED TO MUNICIPALITIES

Ended December 31, 1950

| costs and fixed charges |  |                            | Excess of cost over revenue for power sold to companies | Total cost of power for 14-month period | Amount billed at interim rates | Balance credited or charged |
|-------------------------|--|----------------------------|---|---|--------------------------------|-----------------------------|
| Provision for renewals  | Provision for contingencies and obsolescence and frequency standardization | Provision for sinking fund |   |   |                                |                             |
|                         |  |                            | Debit   |   |                                |                             |
| \$                      | \$   | \$                         | \$  | \$                                      | \$                             | \$                          |
| 5,645.29                | 14,851.38  | 6,013.96                   | 248.54  | 89,238.14                               | 95,478.42                      | 6,240.28                    |
| 1,578.80                | 3,437.32   | 1,577.66                   | 56.65   | 22,529.30                               | 23,326.03                      | 796.73                      |
| 587.51                  | 1,220.76   | 579.04                     | 20.04   | 8,719.93                                | 8,932.71                       | 212.78                      |
| 1,951.36                | 3,513.14   | 1,582.60                   | 59.00   | 23,266.37                               | 26,714.85                      | 3,448.48                    |
| 2,041.30                | 4,501.03   | 1,792.04                   | 77.28   | 29,717.36                               | 32,300.00                      | 2,582.64                    |
| 1,621.33                | 3,859.18   | 1,507.50                   | 65.07   | 24,676.36                               | 26,332.31                      | 1,655.95                    |
| 725.80                  | 1,119.99   | 672.42                     | 17.44   | 8,797.60                                | 9,320.74                       | 523.14                      |
| 4,851.37                | 10,787.83  | 4,976.31                   | 175.78  | 69,969.35                               | 75,990.24                      | 6,020.89                    |
| 1,699.75                | 4,007.38   | 1,735.80                   | 66.28   | 26,142.63                               | 26,818.53                      | 675.90                      |
| 145.50                  | 334.36   | 130.08                     | 5.68  | 2,198.34                                | 2,534.59                       | 336.25                      |
| 438.90                  | 888.10   | 440.69                     | 14.19   | 6,325.42                                | 7,587.65                       | 1,262.23                    |
| 3,715.47                | 11,524.07  | 3,855.08                   | 200.39  | 65,212.41                               | 71,439.76                      | 6,227.35                    |
| 1,226.67                | 1,973.24   | 949.94                     | 32.76   | 15,933.88                               | 17,519.58                      | 1,585.70                    |
| 339.34                  | 1,004.16   | 342.51                     | 17.39   | 7,672.89                                | 8,001.17                       | 328.28                      |
| 4,045.83                | 11,688.14  | 4,482.99                   | 197.61  | 67,988.70                               | 74,499.77                      | 6,511.07                    |
| 4,250.09                | 10,211.60  | 4,382.40                   | 168.42  | 64,189.83                               | 68,154.29                      | 3,964.46                    |
| 998.51                  | 2,315.54   | 1,016.19                   | 38.13   | 15,181.19                               | 16,754.57                      | 1,573.38                    |
| 1,631.04                | 4,472.37   | 1,769.99                   | 75.20   | 26,519.78                               | 28,888.73                      | 2,368.95                    |
| 2,266.24                | 580.63   | 1,238.95                   | 4.86  | 2,597.37                                | 2,597.37                       |                             |
| 9,814.40                | 37,051.23  | 11,260.41                  | 654.38  | 206,686.14                              | 219,882.99                     | 13,196.85                   |
| 405.17                  | 525.19   | 288.35                     | 7.97  | 4,263.84                                | 4,263.84                       |                             |
| 166.73                  | 517.22   | 172.13                     | 8.96  | 3,266.14                                | 4,734.73                       | 1,468.59                    |
| 2,260.30                | 5,576.11   | 2,350.56                   | 92.34   | 34,868.84                               | 36,134.95                      | 1,266.11                    |
| 1,465.15                | 4,607.90   | 1,639.54                   | 79.26   | 27,673.78                               | 28,825.68                      | 1,151.90                    |
| 1,146.02                | 2,699.94   | 1,031.36                   | 46.11   | 18,094.26                               | 18,988.07                      | 893.81                      |
| 724.54                  | 1,041.02   | 541.07                     | 17.20   | 8,181.73                                | 9,195.43                       | 1,013.70                    |
| 1,086.37                | 2,306.61   | 1,096.71                   | 37.39   | 15,454.82                               | 16,928.22                      | 1,473.40                    |
| 14,856.90               | 59,240.45  | 17,665.21                  | 1,045.99  | 316,920.79                              | 343,972.34                     | 27,051.55                   |
| 2,383.31                | 5,173.10   | 2,386.25                   | 84.32   | 34,028.00                               | 35,846.65                      | 1,818.65                    |
| 536.59                  | 1,281.44   | 488.27                     | 21.87   | 9,875.16                                | 10,349.15                      | 473.99                      |
| 947.40                  | 2,021.26   | 944.27                     | 33.13   | 13,472.74                               | 15,677.16                      | 2,204.42                    |
| 697.98                  | 1,427.27   | 602.15                     | 24.14   | 12,908.18                               | 12,908.18                      |                             |
| 846.03                  | 2,013.55   | 872.17                     | 33.47   | 12,874.58                               | 14,467.91                      | 1,593.33                    |
| 712.09                  | 1,301.71   | 675.07                     | 20.78   | 9,400.40                                | 9,985.80                       | 585.40                      |
| 8,478.79                | 23,116.18  | 8,292.03                   | 396.37  | 139,242.93                              | 152,271.86                     | 13,028.93                   |
| 1,672.45                | 3,658.63   | 1,461.39                   | 62.58   | 24,252.09                               | 26,603.56                      | 2,351.47                    |
| 452.50                  | 1,403.50   | 469.51                     | 24.41   | 8,099.85                                | 9,027.07                       | 927.22                      |
| 8,230.93                | 26,363.59  | 9,450.52                   | 451.50  | 146,285.95                              | 160,964.50                     | 14,678.55                   |
| 49,834.21               | 156,714.21   | 57,078.77                  | 2,672.39  | 884,478.59                              | 952,723.95                     | 68,245.36                   |
| 7,022.95                | 21,496.20  | 7,954.64                   | 365.82  | 122,999.66                              | 133,040.08                     | 10,040.42                   |

## SOUTHERN ONTARIO

## COST OF POWER, AMOUNT BILLED AT INTERIM RATES,

## For the Fourteen-Month Period

| Municipality        | Interim<br>rate<br>per<br>kilowatt | Average<br>load<br>supplied in<br>14-month<br>period<br>after<br>correction<br>for<br>power<br>factor | Share of operating            |   |           |
|---------------------|------------------------------------|---|-------------------------------|---|-----------|
|                     |                                    | kilowatts   | Cost of<br>power<br>purchased | Operating<br>maintenance<br>and<br>administrative<br>expenses | Interest  |
|                     | \$                                 |   | \$                            | \$  | \$        |
| Brechin.....        | 48.20                              | 55.7  | 501.14                        | 1,060.40  | 534.52    |
| Bridgeport.....     | 40.80                              | 296.1   | 2,664.03                      | 3,225.98  | 2,984.39  |
| Brigden.....        | 50.20                              | 141.2   | 1,270.39                      | 2,029.39  | 2,144.57  |
| Brighton.....       | 38.20                              | 675.9   | 6,081.12                      | 7,197.03  | 6,079.35  |
| Brockville.....     | 34.10                              | 7,499.0   | 67,469.00                     | 65,852.35   | 61,825.62 |
| Brussels.....       | 46.20                              | 305.7   | 2,750.40                      | 4,114.92  | 3,691.59  |
| Burford.....        | 38.80                              | 389.4   | 3,503.46                      | 3,978.84  | 4,021.91  |
| Burgessville.....   | 44.20                              | 97.1  | 873.62                        | 1,295.09  | 1,058.96  |
| Burks Falls.....    | 52.20                              | 119.0   | 1,070.65                      | 1,136.73  | 815.28    |
| Burlington.....     | 36.10                              | 2,349.0   | 21,134.11                     | 20,654.49   | 20,998.28 |
| Caledonia.....      | 38.80                              | 468.6   | 4,216.03                      | 5,026.66  | 4,816.98  |
| Campbellville.....  | 48.20                              | 70.9  | 637.89                        | 1,086.29  | 759.91    |
| Cannington.....     | 40.20                              | 301.3   | 2,710.82                      | 4,020.36  | 2,891.40  |
| Cardinal.....       | 37.50                              | 465.4   | 4,187.23                      | 4,507.03  | 4,266.45  |
| Carleton Place..... | 34.80                              | 2,147.6   | 19,322.10                     | 22,077.01   | 18,681.98 |
| Cayuga.....         | 46.20                              | 227.5   | 2,046.83                      | 3,435.26  | 2,931.23  |
| Chatham.....        | 36.10                              | 9,603.8   | 86,406.02                     | 85,289.71   | 95,277.17 |
| Chatsworth.....     | 42.90                              | 162.0   | 1,457.52                      | 2,011.72  | 1,602.31  |
| Chesley.....        | 38.20                              | 837.0   | 7,530.54                      | 9,396.42  | 7,429.92  |
| Chesterville.....   | 38.20                              | 576.2   | 5,184.11                      | 5,404.84  | 5,414.01  |
| Chippawa.....       | 30.80                              | 435.4   | 3,917.32                      | 2,991.03  | 2,891.74  |
| Clifford.....       | 49.60                              | 176.9   | 1,591.58                      | 2,586.06  | 2,300.27  |
| Clinton.....        | 40.20                              | 1,048.3   | 9,431.62                      | 10,863.90   | 11,740.35 |
| Cobden.....         | 50.90                              | 246.9   | 2,221.38                      | 2,479.17  | 2,402.23  |
| Cobourg.....        | 38.20                              | 3,462.2   | 31,149.54                     | 37,483.42   | 30,995.86 |
| Colborne.....       | 39.50                              | 360.5   | 3,243.44                      | 3,935.39  | 3,326.99  |
| Coldwater.....      | 37.50                              | 147.7   | 1,328.87                      | 1,870.60  | 1,270.07  |
| Collingwood.....    | 35.50                              | 3,109.8   | 27,979.08                     | 32,763.89   | 25,762.49 |
| Comber.....         | 47.50                              | 184.3   | 1,658.16                      | 2,956.70  | 2,171.73  |
| Cookstown.....      | 38.80                              | 126.6   | 1,139.03                      | 1,601.98  | 1,173.99  |
| Cottam.....         | 46.20                              | 124.1   | 1,116.54                      | 1,763.84  | 1,472.65  |
| Courtright.....     | 52.20                              | 74.3  | 668.48                        | 1,423.03  | 994.22    |
| Creemore.....       | 42.20                              | 201.9   | 1,816.51                      | 2,795.09  | 1,661.71  |
| Dashwood.....       | 45.50                              | 161.7   | 1,454.83                      | 2,632.75  | 2,203.78  |
| Delaware.....       | 38.80                              | 127.2   | 1,144.43                      | 1,347.42  | 1,315.77  |
| Delhi.....          | 40.20                              | 842.3   | 7,578.23                      | 9,192.22  | 9,220.06  |
| Deseronto.....      | 45.50                              | 388.4   | 3,494.46                      | 5,154.14  | 4,187.64  |
| Dorchester.....     | 40.20                              | 149.1   | 1,341.46                      | 1,999.78  | 1,542.34  |
| Drayton.....        | 52.20                              | 186.2   | 1,675.25                      | 3,108.69  | 2,421.19  |
| Dresden.....        | 44.90                              | 607.8   | 5,468.42                      | 7,784.13  | 8,197.67  |



## SYSTEM

Statement No. 15

## AND BALANCE CREDITED OR CHARGED TO MUNICIPALITIES

Ended December 31, 1950

| costs and fixed charges      |  |                                  | Excess of<br>cost over<br>revenue<br>for power<br>sold to<br>companies | Total cost<br>of power for<br>14-month<br>period | Amount<br>billed at<br>interim<br>rates | Balance<br>credited<br>or<br>charged |
|------------------------------|--|----------------------------------|--|--|---|--------------------------------------|
| Provision<br>for<br>renewals | Provision for<br>contin-<br>gencies<br>and<br>obsolescence<br>and<br>frequency<br>standard-<br>ization | Provision<br>for<br>sinking fund |  |  |   |                                      |
| \$                           | \$   | \$                               | Debit  | \$   | \$                                      | \$                                   |
| 157.65                       | 371.41   | 141.87                           | 6.34   | 2,773.33   | 3,131.40                                | 358.07                               |
| 731.41                       | 2,005.56   | 793.72                           | 33.72  | 12,438.81  | 14,096.74                               | 1,657.93                             |
| 605.76                       | 1,021.25   | 575.45                           | 16.08  | 7,662.89   | 8,269.61                                | 606.72                               |
| 1,655.99                     | 4,491.44   | 1,615.25                         | 76.97  | 27,197.15  | 30,123.23                               | 2,926.08                             |
| 15,904.79                    | 48,939.70  | 16,415.68                        | 854.01   | 277,261.15                                       | 298,335.80                              | 21,074.65                            |
| 985.72                       | 2,120.81   | 985.38                           | 34.81  | 14,683.63  | 16,477.19                               | 1,793.56                             |
| 1,002.31                     | 2,651.00   | 1,070.27                         | 44.35  | 16,272.14  | 17,626.20                               | 1,354.06                             |
| 270.69                       | 667.78   | 281.50                           | 11.06  | 4,458.70   | 5,009.69                                | 550.99                               |
| 169.29                       | 759.68   | 214.92                           | 13.55  | 4,180.10   | 7,247.95                                | 3,067.85                             |
| 4,803.78                     | 15,591.72  | 5,560.18                         | 267.52   | 89,010.08  | 98,931.73                               | 9,921.65                             |
| 1,201.31                     | 3,193.03   | 1,280.20                         | 53.37  | 19,787.58  | 21,211.95                               | 1,424.37                             |
| 194.09                       | 485.14   | 201.94                           | 8.07   | 3,373.33   | 3,984.51                                | 611.18                               |
| 852.80                       | 2,009.13   | 767.47                           | 34.31  | 13,286.29  | 14,129.26                               | 842.97                               |
| 1,208.03                     | 3,105.08   | 1,134.80                         | 53.00  | 18,461.62  | 20,362.48                               | 1,900.86                             |
| 4,955.69                     | 14,229.01  | 4,969.94                         | 244.58   | 84,480.31  | 87,192.56                               | 2,712.25                             |
| 812.34                       | 1,600.73   | 782.36                           | 25.91  | 11,634.66  | 12,260.30                               | 625.64                               |
| 22,815.54                    | 64,992.25  | 25,339.42                        | 1,093.71   | 381,213.82                                       | 404,481.52                              | 23,267.70                            |
| 482.69                       | 1,080.41   | 425.62                           | 18.45  | 7,078.72   | 8,107.37                                | 1,028.65                             |
| 2,026.69                     | 5,532.65   | 1,969.22                         | 95.32  | 33,980.76  | 37,300.70                               | 3,319.94                             |
| 1,564.22                     | 3,834.21   | 1,441.07                         | 65.62  | 22,908.08  | 25,678.02                               | 2,769.94                             |
| 552.29                       | 2,780.08   | 761.62                           | 49.58  | 13,943.66  | 15,645.64                               | 1,701.98                             |
| 626.94                       | 1,250.32   | 614.99                           | 20.15  | 8,990.31   | 10,234.96                               | 1,244.65                             |
| 3,024.46                     | 7,204.76   | 3,129.30                         | 119.38   | 45,513.77  | 49,165.93                               | 3,652.16                             |
| 706.58                       | 1,658.19   | 639.64                           | 28.12  | 10,135.31  | 14,662.56                               | 4,527.25                             |
| 8,515.95                     | 23,035.42  | 8,234.61                         | 394.29   | 139,809.19                                       | 152,698.10                              | 12,888.91                            |
| 943.86                       | 2,391.50   | 884.65                           | 41.05  | 14,766.88  | 16,612.03                               | 1,845.15                             |
| 342.19                       | 969.95   | 336.29                           | 16.82  | 6,134.79   | 6,460.60                                | 325.81                               |
| 6,702.36                     | 20,271.40  | 6,815.91                         | 354.15   | 120,649.28                                       | 128,796.06                              | 8,146.78                             |
| 570.83                       | 1,279.05   | 578.74                           | 20.99  | 9,236.20   | 10,133.96                               | 897.76                               |
| 337.20                       | 837.95   | 311.36                           | 14.42  | 5,415.93   | 5,729.78                                | 313.85                               |
| 380.01                       | 865.80   | 393.05                           | 14.13  | 6,006.02   | 6,690.49                                | 684.47                               |
| 266.89                       | 528.71   | 266.41                           | 8.46   | 4,156.20   | 4,526.58                                | 370.38                               |
| 429.41                       | 1,318.74   | 439.50                           | 22.99  | 8,483.95   | 9,941.26                                | 1,457.31                             |
| 621.27                       | 1,146.08   | 589.21                           | 18.41  | 8,666.33   | 8,585.83                                | 80.50                                |
| 326.84                       | 865.24   | 349.85                           | 14.49  | 5,364.04   | 5,760.18                                | 396.14                               |
| 2,357.40                     | 5,767.08   | 2,458.15                         | 95.92  | 36,669.06  | 39,504.52                               | 2,835.46                             |
| 1,330.30                     | 2,633.82   | 1,116.61                         | 44.23  | 17,961.20  | 20,618.31                               | 2,657.11                             |
| 383.12                       | 1,014.21   | 410.09                           | 16.98  | 6,707.98   | 6,990.73                                | 282.75                               |
| 659.90                       | 1,316.07   | 647.32                           | 21.21  | 9,849.63   | 11,336.95                               | 1,487.32                             |
| 2,289.93                     | 4,335.50   | 2,189.56                         | 69.22  | 30,334.43  | 31,840.44                               | 1,506.01                             |

## SOUTHERN ONTARIO

## COST OF POWER, AMOUNT BILLED AT INTERIM RATES,

For the Fourteen-Month Period

| Municipality       | Interim<br>rate<br>per<br>kilowatt | Average<br>load<br>supplied in<br>14-month<br>period<br>after<br>correction<br>for<br>power<br>factor<br><br>kilowatts | Share of operating            |   |              |
|--------------------|------------------------------------|--|-------------------------------|---|--------------|
|                    |                                    |  | Cost of<br>power<br>purchased | Operating<br>maintenance<br>and<br>administrative<br>expenses | Interest     |
|                    | \$                                 |  | \$                            | \$  | \$           |
| Drumbo.....        | 42.90                              | 146.1  | 1,314.47                      | 1,768.61  | 1,661.77     |
| Dublin.....        | 48.20                              | 77.3   | 695.47                        | 1,169.36  | 980.91       |
| Dundalk.....       | 40.80                              | 302.1  | 2,718.01                      | 3,651.31  | 2,838.17     |
| Dundas.....        | 34.10                              | 3,284.2  | 29,548.16                     | 26,341.68   | 29,266.04    |
| Dunnville.....     | 35.50                              | 1,738.6  | 15,642.30                     | 18,647.00   | 15,268.62    |
| Durham.....        | 40.20                              | 528.2  | 4,752.25                      | 6,425.48  | 4,962.33     |
| Dutton.....        | 42.20                              | 247.3  | 2,224.97                      | 2,854.89  | 2,953.36     |
| East York Twp..... | 34.10                              | 16,550.1   | 148,902.35                    | 132,203.30  | 151,924.98   |
| Elmira.....        | 36.10                              | 1,736.0  | 15,618.91                     | 15,003.56   | 16,764.63    |
| Elmvale.....       | 38.80                              | 269.8  | 2,427.41                      | 3,320.85  | 2,465.29     |
| Elmwood.....       | 43.50                              | 137.9  | 1,240.70                      | 1,722.25  | 1,396.39     |
| Elora.....         | 40.80                              | 615.9  | 5,541.29                      | 6,372.87  | 6,950.63     |
| Embro.....         | 40.80                              | 201.6  | 1,813.81                      | 2,459.82  | 2,357.71     |
| Erieau.....        | 46.90                              | 216.3  | 1,946.07                      | 4,084.11  | 2,681.72     |
| Erie Beach.....    | 52.20                              | 27.7   | 249.22                        | 547.52  | 343.41       |
| Erin.....          | 50.90                              | 85.7   | 771.05                        | 2,426.93  | 847.64       |
| Essex.....         | 42.20                              | 825.6  | 7,427.98                      | 8,820.40  | 9,797.12     |
| Etobicoke Twp..... | 34.80                              | 18,596.7   | 167,315.74                    | 153,701.08  | 171,059.94   |
| Exeter.....        | 39.50                              | 1,116.8  | 10,047.92                     | 13,510.48   | 12,609.44    |
| Fergus.....        | 37.50                              | 1,905.7  | 17,145.71                     | 17,514.75   | 19,586.09    |
| Finch.....         | 42.90                              | 149.3  | 1,343.26                      | 2,172.21  | 1,440.80     |
| Flesherton.....    | 41.50                              | 139.7  | 1,256.89                      | 1,731.48  | 1,152.70     |
| Fonthill.....      | 36.10                              | 420.4  | 3,782.37                      | 3,831.48  | 3,670.27     |
| Forest.....        | 47.50                              | 677.6  | 6,096.41                      | 7,291.43  | 8,922.57     |
| Forest Hill.....   | 33.50                              | 7,402.5  | 66,600.78                     | 55,617.12   | 64,899.00    |
| Frankford.....     | 32.80                              | 269.6  | 2,425.61                      | 2,589.11  | 2,134.89     |
| Galt.....          | 34.80                              | 12,384.6   | 111,425.07                    | 101,248.25  | 115,579.80   |
| Georgetown.....    | 39.50                              | 2,447.2  | 22,017.62                     | 23,931.69   | 26,307.21    |
| Glencoe.....       | 52.20                              | 243.3  | 2,188.99                      | 4,714.37  | 3,884.54     |
| Goderich.....      | 42.20                              | 2,128.7  | 19,152.05                     | 24,780.23   | 25,705.94    |
| Grand Valley.....  | 48.20                              | 247.7  | 2,228.57                      | 3,429.83  | 2,810.72     |
| Granton.....       | 49.60                              | 73.9   | 664.88                        | 2,079.17  | 814.21       |
| Gravenhurst.....   | 34.10                              | 1,503.2  | 13,524.39                     | 15,072.58   | 12,419.34    |
| Grimsbby.....      | 36.10                              | 1,078.8  | 9,706.04                      | 13,816.39   | 9,691.05     |
| Guelph.....        | 34.80                              | 14,163.5   | 127,429.95                    | 115,396.00  | 131,099.38   |
| Hagersville.....   | 39.50                              | 1,076.8  | 9,688.04                      | 11,654.68   | 12,238.03    |
| Hamilton.....      | 32.10                              | 159,868.9  | 1,438,351.08                  | 1,210,762.04  | 1,367,571.37 |
| Hanover.....       | 34.80                              | 2,092.7  | 18,828.15                     | 21,613.52   | 16,729.31    |
| Harriston.....     | 45.50                              | 663.3  | 5,967.75                      | 8,156.66  | 8,625.02     |
| Harrow.....        | 44.20                              | 766.8  | 6,898.95                      | 8,769.78  | 9,590.57     |

## SYSTEM

Statement No. 15

## AND BALANCE CREDITED OR CHARGED TO MUNICIPALITIES

Ended December 31, 1950

| costs and fixed charges |  |                            | Excess of cost over revenue for power sold to companies | Total cost of power for 14-month period | Amount billed at interim rates | Balance credited or charged |
|-------------------------|--|----------------------------|---|---|--------------------------------|-----------------------------|
| Provision for renewals  | Provision for contingencies and obsolescence and frequency standardization | Provision for sinking fund |   |   |                                |                             |
|                         |  |                            | Debit   |   |                                |                             |
| \$                      | \$   | \$                         | \$  | \$                                      | \$                             | \$                          |
| 435.74                  | 1,010.47   | 443.45                     | 16.64   | 6,651.15                                | 7,314.06                       | 662.91                      |
| 267.75                  | 545.24   | 262.15                     | 8.80  | 3,929.68                                | 4,344.42                       | 414.74                      |
| 823.77                  | 2,002.58   | 753.04                     | 34.40   | 12,821.28                               | 14,377.92                      | 1,556.64                    |
| 6,705.39                | 21,835.95  | 7,755.97                   | 374.01  | 121,827.20                              | 130,657.26                     | 8,830.06                    |
| 3,603.78                | 11,491.75  | 4,056.12                   | 198.00  | 68,907.57                               | 72,007.59                      | 3,100.02                    |
| 1,440.30                | 3,501.36   | 1,316.64                   | 60.15   | 22,458.51                               | 24,770.21                      | 2,311.70                    |
| 789.00                  | 1,729.35   | 787.81                     | 28.16   | 11,367.54                               | 12,177.16                      | 809.62                      |
| 35,123.97               | 110,334.44   | 40,274.06                  | 1,884.78  | 620,647.88                              | 658,417.57                     | 37,769.69                   |
| 4,008.94                | 11,657.83  | 4,457.55                   | 197.70  | 67,709.12                               | 73,113.31                      | 5,404.19                    |
| 700.02                  | 1,786.88   | 653.74                     | 30.73   | 11,384.92                               | 12,211.96                      | 827.04                      |
| 426.36                  | 922.79   | 371.10                     | 15.70   | 6,095.29                                | 6,997.67                       | 902.38                      |
| 1,811.50                | 4,249.79   | 1,850.46                   | 70.14   | 26,846.68                               | 29,318.54                      | 2,471.86                    |
| 623.24                  | 1,398.10   | 627.41                     | 22.96   | 9,303.05                                | 9,597.18                       | 294.13                      |
| 721.92                  | 1,514.60   | 715.23                     | 24.63   | 11,688.28                               | 11,837.56                      | 149.28                      |
| 92.45                   | 193.96   | 91.59                      | 3.15  | 1,521.30                                | 1,684.29                       | 162.99                      |
| 255.35                  | 571.54   | 225.16                     | 9.76  | 5,107.43                                | 5,090.00                       | 17.43                       |
| 2,528.08                | 5,759.97   | 2,614.83                   | 94.02   | 37,042.40                               | 40,649.50                      | 3,607.10                    |
| 40,050.05               | 124,350.25   | 45,338.15                  | 2,117.85  | 703,933.06                              | 755,024.86                     | 51,091.80                   |
| 3,279.10                | 7,672.20   | 3,359.15                   | 127.18  | 50,605.47                               | 51,467.19                      | 861.72                      |
| 4,867.98                | 12,947.91  | 5,208.26                   | 217.03  | 77,487.73                               | 83,375.92                      | 5,888.19                    |
| 415.95                  | 1,003.38   | 384.27                     | 17.00   | 6,776.87                                | 7,473.49                       | 696.62                      |
| 298.95                  | 910.16   | 305.28                     | 15.91   | 5,671.37                                | 6,761.71                       | 1,090.34                    |
| 866.44                  | 2,771.92   | 974.15                     | 47.88   | 15,944.51                               | 17,707.63                      | 1,763.12                    |
| 2,386.73                | 4,829.60   | 2,396.43                   | 77.17   | 32,000.34                               | 37,551.10                      | 5,550.76                    |
| 14,514.31               | 49,075.16  | 17,197.30                  | 843.02  | 268,746.69                              | 289,320.23                     | 20,573.54                   |
| 480.98                  | 1,760.16   | 565.98                     | 30.70   | 9,987.43                                | 10,316.71                      | 329.28                      |
| 27,054.94               | 82,912.96  | 30,670.68                  | 1,410.40  | 470,302.10                              | 502,815.63                     | 32,513.53                   |
| 6,694.30                | 16,717.25  | 6,999.24                   | 278.69  | 102,946.00                              | 112,775.77                     | 9,829.77                    |
| 1,155.30                | 1,802.98   | 1,041.31                   | 27.71   | 14,815.20                               | 14,815.20                      | .....                       |
| 6,863.92                | 14,767.99  | 6,861.55                   | 242.42  | 98,374.10                               | 104,805.10                     | 6,431.00                    |
| 924.56                  | 1,682.46   | 748.61                     | 28.21   | 11,852.96                               | 13,928.17                      | 2,075.21                    |
| 209.17                  | 507.86   | 216.80                     | 8.42  | 4,500.51                                | 4,275.92                       | 224.59                      |
| 3,216.25                | 9,795.88   | 3,282.27                   | 171.19  | 57,481.90                               | 59,803.70                      | 2,321.80                    |
| 2,319.33                | 7,165.20   | 2,575.18                   | 122.86  | 45,396.05                               | 45,433.63                      | 37.58                       |
| 30,607.44               | 94,914.74  | 34,796.98                  | 1,612.98  | 535,857.47                              | 575,039.55                     | 39,182.08                   |
| 3,212.28                | 7,433.02   | 3,258.92                   | 122.63  | 47,607.60                               | 49,621.53                      | 2,013.93                    |
| 304,536.04              | 1,057,434.90   | 362,139.30                 | 18,206.36   | 5,759,001.09                            | 5,987,092.36                   | 228,091.27                  |
| 4,068.76                | 13,632.76  | 4,421.28                   | 238.32  | 79,532.10                               | 84,962.75                      | 5,430.65                    |
| 2,350.76                | 4,688.18   | 2,305.94                   | 75.53   | 32,169.84                               | 35,211.69                      | 3,041.85                    |
| 2,537.42                | 5,387.50   | 2,561.56                   | 87.33   | 35,833.11                               | 39,540.21                      | 3,707.10                    |



## SOUTHERN ONTARIO

## COST OF POWER, AMOUNT BILLED AT INTERIM RATES,

For the Fourteen-Month Period

| Municipality      | Interim<br>rate<br>per<br>kilowatt | Average<br>load<br>supplied in<br>14-month<br>period<br>after<br>correction<br>for<br>power<br>factor | Share of operating            |   |            |
|-------------------|------------------------------------|---|-------------------------------|---|------------|
|                   |                                    |   | Cost of<br>power<br>purchased | Operating<br>maintenance<br>and<br>administrative<br>expenses | Interest   |
|                   | kilowatts                          |   |                               |   |            |
|                   | \$                                 |   | \$                            | \$  | \$         |
| Hastings.....     | 41.50                              | 193.1   | 1,737.33                      | 2,592.51  | 1,717.61   |
| Havelock.....     | 42.90                              | 264.4   | 2,378.82                      | 4,131.35  | 2,352.05   |
| Hensall.....      | 44.90                              | 318.7   | 2,867.37                      | 5,256.83  | 3,598.34   |
| Hespeler.....     | 34.80                              | 3,406.9   | 30,652.10                     | 27,841.25   | 31,795.02  |
| Highgate.....     | 46.90                              | 100.5   | 904.21                        | 1,127.41  | 1,184.23   |
| Holstein.....     | 52.20                              | 35.2  | 316.70                        | 584.28  | 462.37     |
| Humberstone.....  | 36.10                              | 720.4   | 6,481.49                      | 6,264.35  | 6,357.52   |
| Huntsville.....   | 36.80                              | 1,667.6   | 15,003.51                     | 17,665.19   | 16,735.89  |
| Ingersoll.....    | 36.10                              | 3,690.1   | 33,200.07                     | 33,780.76   | 36,309.20  |
| Iroquois.....     | 34.80                              | 381.4   | 3,431.48                      | 3,342.59  | 3,025.77   |
| Jarvis.....       | 45.50                              | 199.5   | 1,794.91                      | 2,839.01  | 2,570.46   |
| Kemptville.....   | 39.50                              | 609.6   | 5,484.61                      | 6,068.73  | 6,189.05   |
| Kincardine.....   | 41.50                              | 1,125.1   | 10,122.60                     | 14,056.97   | 11,128.17  |
| Kingston.....     | 32.80                              | 19,473.4  | 175,203.47                    | 163,421.97  | 145,749.16 |
| Kingsville.....   | 43.50                              | 852.6   | 7,670.90                      | 9,732.02  | 10,549.36  |
| Kirkfield.....    | 52.20                              | 39.1  | 351.79                        | 638.80  | 665.13     |
| Kitchener.....    | 34.10                              | 31,383.2  | 282,356.73                    | 247,952.08  | 283,330.77 |
| Lakefield.....    | 37.50                              | 684.6   | 6,159.39                      | 7,013.68  | 6,090.02   |
| Lambeth.....      | 41.50                              | 249.2   | 2,242.07                      | 2,841.51  | 2,539.07   |
| Lanark.....       | 51.60                              | 150.8   | 1,356.76                      | 2,689.11  | 1,531.02   |
| Lancaster.....    | 49.60                              | 74.5  | 670.28                        | 2,379.87  | 643.71     |
| La Salle.....     | 46.20                              | 474.2   | 4,266.41                      | 5,539.57  | 6,179.97   |
| Leamington.....   | 43.50                              | 2,527.7   | 22,741.88                     | 28,857.41   | 31,180.47  |
| Lindsay.....      | 38.80                              | 4,217.5   | 37,945.13                     | 45,452.09   | 38,922.37  |
| Listowel.....     | 40.80                              | 1,681.1   | 15,124.97                     | 17,434.99   | 19,506.98  |
| London.....       | 34.80                              | 41,595.8  | 374,240.18                    | 347,213.13  | 383,763.13 |
| London Twp.....   | 37.50                              | 770.6   | 6,933.14                      | 7,819.77  | 7,851.53   |
| Long Branch.....  | 35.50                              | 2,698.5   | 24,278.59                     | 22,552.84   | 25,078.54  |
| Lucan.....        | 39.50                              | 324.3   | 2,917.75                      | 3,739.34  | 3,573.03   |
| Lucknow.....      | 44.90                              | 415.7   | 3,740.08                      | 6,223.96  | 4,111.61   |
| Lynden.....       | 40.20                              | 146.9   | 1,321.67                      | 1,634.51  | 1,682.98   |
| Madoc.....        | 42.20                              | 463.6   | 4,171.04                      | 5,653.87  | 4,632.15   |
| Markdale.....     | 37.50                              | 283.2   | 2,547.97                      | 3,276.71  | 2,263.94   |
| Markham.....      | 38.80                              | 528.9   | 4,758.55                      | 5,024.61  | 5,500.55   |
| Marmora.....      | 43.50                              | 197.0   | 1,772.42                      | 2,612.58  | 1,968.36   |
| Martintown.....   | 37.50                              | 62.7  | 564.12                        | 632.54  | 541.78     |
| Maxville.....     | 43.50                              | 180.5   | 1,623.97                      | 1,930.32  | 1,988.00   |
| Meaford.....      | 40.20                              | 1,137.9   | 10,237.75                     | 13,195.35   | 10,690.36  |
| Merlin.....       | 44.20                              | 133.9   | 1,204.71                      | 1,723.85  | 1,742.49   |
| Merrickville..... | 39.20                              | 118.0   | 1,061.65                      | 1,035.67  | 830.88     |

## SYSTEM

Statement No. 15

## AND BALANCE CREDITED OR CHARGED TO MUNICIPALITIES

Ended December 31, 1950

| costs and fixed charges      |  |                                  | Excess of<br>cost over<br>revenue<br>for power<br>sold to<br>companies | Total cost<br>of power for<br>14-month<br>period | Amount<br>billed at<br>interim<br>rates | Balance<br>credited<br>or<br>charged |
|------------------------------|--|----------------------------------|--|--|---|--------------------------------------|
| Provision<br>for<br>renewals | Provision for<br>contin-<br>gencies<br>and<br>obsolescence<br>and<br>frequency<br>standard-<br>ization | Provision<br>for<br>sinking fund |  |  |   |                                      |
|                              |  |                                  | Debit  |  |   |                                      |
| \$                           | \$   | \$                               | \$   | \$   | \$                                      | \$                                   |
| 462.33                       | 1,279.88   | 456.27                           | 21.99  | 8,267.92   | 9,348.20                                | 1,080.28                             |
| 633.09                       | 1,752.49   | 624.80                           | 30.11  | 11,902.71  | 13,233.91                               | 1,331.20                             |
| 935.75                       | 2,189.40   | 958.59                           | 36.29  | 15,842.57  | 16,692.32                               | 849.75                               |
| 7,442.58                     | 22,808.66  | 8,437.24                         | 387.99   | 129,364.84                                       | 138,319.56                              | 8,954.72                             |
| 311.27                       | 697.48   | 315.58                           | 11.45  | 4,551.63   | 5,500.57                                | 948.94                               |
| 163.70                       | 241.89   | 123.41                           | 4.01   | 1,896.36   | 2,141.50                                | 245.14                               |
| 1,486.50                     | 4,800.43   | 1,688.88                         | 82.04  | 27,161.21  | 30,342.33                               | 3,181.12                             |
| 5,085.28                     | 11,086.47  | 4,440.13                         | 189.91   | 70,206.38  | 71,596.86                               | 1,390.48                             |
| 8,781.60                     | 24,936.03  | 9,644.30                         | 420.24   | 147,072.20                                       | 155,415.31                              | 8,343.11                             |
| 747.44                       | 2,482.49   | 802.27                           | 43.44  | 13,875.48  | 15,483.97                               | 1,608.49                             |
| 712.36                       | 1,403.72   | 686.07                           | 22.72  | 10,029.25  | 10,591.26                               | 562.01                               |
| 1,882.63                     | 4,115.45   | 1,648.24                         | 69.42  | 25,458.13  | 28,092.07                               | 2,633.94                             |
| 3,352.31                     | 7,503.46   | 2,955.96                         | 128.13   | 49,247.60  | 54,474.95                               | 5,227.35                             |
| 33,676.13                    | 125,886.37   | 38,599.63                        | 2,217.69   | 684,754.42                                       | 745,183.74                              | 60,429.32                            |
| 2,776.96                     | 5,976.96   | 2,817.02                         | 97.10  | 39,620.32  | 43,269.07                               | 3,648.75                             |
| 260.20                       | 282.45   | 178.34                           | 4.45   | 2,381.16   | 2,381.16                                | .....                                |
| 64,711.10                    | 209,204.83   | 75,134.63                        | 3,574.02   | 1,166,264.16                                     | 1,248,527.13                            | 82,262.97                            |
| 1,639.24                     | 4,537.66   | 1,617.78                         | 77.96  | 27,135.73  | 29,952.81                               | 2,817.08                             |
| 625.32                       | 1,692.22   | 674.88                           | 28.38  | 10,643.45  | 12,066.46                               | 1,423.01                             |
| 465.71                       | 1,018.06   | 407.74                           | 17.17  | 7,485.57   | 9,077.73                                | 1,592.16                             |
| 173.19                       | 490.50   | 171.02                           | 8.48   | 4,537.05   | 4,312.29                                | 224.76                               |
| 1,666.70                     | 3,372.50   | 1,652.53                         | 54.00  | 22,731.68  | 25,560.50                               | 2,828.82                             |
| 8,198.59                     | 17,708.44  | 8,327.58                         | 287.86   | 117,302.23                                       | 128,278.95                              | 10,976.72                            |
| 11,042.20                    | 27,978.24  | 10,349.45                        | 480.30   | 172,169.78                                       | 190,910.87                              | 18,741.09                            |
| 5,045.17                     | 11,679.44  | 5,203.59                         | 191.45   | 74,186.59  | 80,020.70                               | 5,834.11                             |
| 89,007.80                    | 278,446.00   | 101,858.40                       | 4,737.06   | 1,579,265.70                                     | 1,688,788.62                            | 109,522.92                           |
| 1,933.67                     | 5,232.86   | 2,086.93                         | 87.76  | 31,945.66  | 33,714.37                               | 1,768.71                             |
| 5,914.90                     | 18,069.80  | 6,649.96                         | 307.31   | 102,851.94                                       | 111,760.80                              | 8,908.86                             |
| 917.92                       | 2,228.66   | 951.39                           | 36.93  | 14,365.02  | 14,947.11                               | 582.09                               |
| 1,238.60                     | 2,772.37   | 1,092.16                         | 47.34  | 19,226.12  | 21,773.12                               | 2,547.00                             |
| 444.17                       | 1,012.54   | 448.18                           | 16.73  | 6,560.78   | 6,891.24                                | 330.46                               |
| 1,399.14                     | 3,115.48   | 1,233.45                         | 52.80  | 20,257.93  | 22,826.67                               | 2,568.74                             |
| 550.62                       | 1,844.89   | 598.32                           | 32.25  | 11,114.70  | 12,389.03                               | 1,274.33                             |
| 1,373.21                     | 3,596.81   | 1,464.73                         | 60.23  | 21,778.69  | 23,942.52                               | 2,163.83                             |
| 594.54                       | 1,323.87   | 524.14                           | 22.43  | 8,818.34   | 9,997.02                                | 1,178.68                             |
| 145.76                       | 412.81   | 143.94                           | 7.14   | 2,448.09   | 2,744.36                                | 296.27                               |
| 640.75                       | 1,230.15   | 530.78                           | 20.56  | 7,964.53   | 9,162.53                                | 1,198.00                             |
| 3,102.83                     | 7,542.99   | 2,836.45                         | 129.59   | 47,735.32  | 53,367.13                               | 5,631.81                             |
| 478.36                       | 942.05   | 464.94                           | 15.25  | 6,571.65   | 6,906.61                                | 334.96                               |
| 177.26                       | 758.88   | 219.77                           | 13.44  | 4,097.55   | 5,398.50                                | 1,300.95                             |

## SOUTHERN ONTARIO

## COST OF POWER, AMOUNT BILLED AT INTERIM RATES,

## For the Fourteen-Month Period

| Municipality        | Interim<br>rate<br>per<br>kilowatt | Average<br>load<br>supplied in<br>14-month<br>period<br>after<br>correction<br>for<br>power<br>factor<br><br>kilowatts | Share of operating            |   |            |
|---------------------|------------------------------------|--|-------------------------------|---|------------|
|                     |                                    |  | Cost of<br>power<br>purchased | Operating<br>maintenance<br>and<br>administrative<br>expenses | Interest   |
|                     | \$                                 |  | \$                            | \$  | \$         |
| Merritton.....      | 31.50                              | 9,984.0  | 89,826.71                     | 69,938.71   | 73,231.67  |
| Midland.....        | 33.50                              | 3,992.6  | 35,921.69                     | 39,488.49   | 30,006.65  |
| Mildmay.....        | 42.90                              | 210.3  | 1,892.08                      | 2,909.67  | 1,866.80   |
| Millbrook.....      | 46.90                              | 178.3  | 1,604.18                      | 2,632.09  | 1,958.77   |
| Milton.....         | 36.80                              | 1,846.8  | 16,615.78                     | 14,921.26   | 17,577.24  |
| Milverton.....      | 42.20                              | 518.9  | 4,668.58                      | 5,572.55  | 6,236.89   |
| Mimico.....         | 34.10                              | 3,505.9  | 31,542.81                     | 27,552.36   | 30,845.11  |
| Mitchell.....       | 38.80                              | 1,048.2  | 9,430.72                      | 10,168.48   | 11,216.94  |
| Moorefield.....     | 52.20                              | 92.9   | 835.83                        | 1,666.20  | 1,208.00   |
| Morrisburg.....     | 35.50                              | 575.9  | 5,181.41                      | 5,435.88  | 4,865.01   |
| Mount Brydges.....  | 42.90                              | 128.8  | 1,158.82                      | 1,685.68  | 1,419.07   |
| Mount Forest.....   | 44.90                              | 787.2  | 7,082.49                      | 9,987.57  | 8,411.86   |
| Napanee.....        | 36.80                              | 1,776.7  | 15,985.09                     | 18,267.77   | 14,937.30  |
| Neustadt.....       | 43.50                              | 103.1  | 927.60                        | 1,223.78  | 867.34     |
| Newboro.....        | 48.90                              | 42.9   | 385.97                        | 1,268.58  | 426.92     |
| Newburgh.....       | 37.50                              | 104.7  | 941.99                        | 1,226.60  | 842.14     |
| Newbury.....        | 49.60                              | 68.0   | 611.80                        | 1,166.36  | 880.17     |
| Newcastle.....      | 38.20                              | 386.5  | 3,477.37                      | 4,103.69  | 3,476.28   |
| New Hamburg.....    | 40.80                              | 826.1  | 7,432.48                      | 8,178.38  | 9,286.99   |
| Newmarket.....      | 37.50                              | 2,525.1  | 22,718.49                     | 22,340.91   | 24,997.79  |
| New Toronto.....    | 36.80                              | 10,736.2   | 96,594.30                     | 94,481.74   | 105,085.53 |
| Niagara.....        | 32.80                              | 1,007.2  | 9,061.85                      | 8,422.56  | 7,532.48   |
| Niagara Falls.....  | 28.40                              | 11,326.9   | 101,908.86                    | 67,208.54   | 67,145.57  |
| North York Twp..... | 35.50                              | 25,774.9   | 231,898.48                    | 209,370.90  | 237,811.57 |
| Norwich.....        | 38.80                              | 563.4  | 5,068.95                      | 6,016.58  | 6,144.32   |
| Norwood.....        | 37.50                              | 255.1  | 2,295.15                      | 2,742.76  | 2,269.19   |
| Oakville.....       | 36.80                              | 3,143.6  | 28,283.18                     | 29,007.48   | 32,062.06  |
| Oil Springs.....    | 48.20                              | 163.1  | 1,467.42                      | 1,811.28  | 2,147.55   |
| Omeme.....          | 39.50                              | 164.8  | 1,482.72                      | 2,240.38  | 1,475.39   |
| Orangeville.....    | 40.20                              | 1,116.3  | 10,043.42                     | 13,153.10   | 10,706.07  |
| Orono.....          | 42.90                              | 153.7  | 1,382.85                      | 1,895.15  | 1,382.41   |
| Oshawa.....         | 36.80                              | 22,952.8   | 206,507.86                    | 228,499.61  | 203,797.10 |
| Ottawa.....         | 30.10                              | 43,809.2   | 394,154.29                    | 349,192.22  | 305,691.95 |
| Otterville.....     | 41.50                              | 179.0  | 1,610.47                      | 2,567.45  | 1,952.13   |
| Owen Sound.....     | 36.10                              | 7,525.4  | 67,706.51                     | 77,556.87   | 62,666.51  |
| Paisley.....        | 43.50                              | 229.3  | 2,063.03                      | 3,080.01  | 2,413.11   |
| Palmerston.....     | 43.50                              | 629.4  | 5,662.75                      | 7,364.88  | 7,807.15   |
| Paris.....          | 34.80                              | 2,137.2  | 19,228.53                     | 17,806.24   | 19,593.53  |
| Parkhill.....       | 45.50                              | 386.9  | 3,480.96                      | 5,416.59  | 4,769.86   |
| Parry Sound.....    | 42.20                              | 611.6  | 5,502.61                      | 9,749.00  | 5,419.58   |



## SYSTEM

Statement No. 15

## AND BALANCE CREDITED OR CHARGED TO MUNICIPALITIES

Ended December 31, 1950

| costs and fixed charges |  |                            | Excess of cost over revenue for power sold to companies | Total cost of power for 14-month period | Amount billed at interim rates | Balance credited or charged |
|-------------------------|--|----------------------------|---|---|--------------------------------|-----------------------------|
| Provision for renewals  | Provision for contingencies and obsolescence and frequency standardization | Provision for sinking fund |   |   |                                |                             |
| \$                      | \$   | \$                         | \$  | \$                                      | \$                             | \$                          |
| 15,108.50               | 64,677.72  | 19,370.61                  | 1,137.01  | 333,290.93                              | 366,911.45                     | 33,620.52                   |
| 7,036.83                | 25,678.89  | 7,925.19                   | 454.69  | 146,512.43                              | 156,043.26                     | 9,530.83                    |
| 509.21                  | 1,390.10   | 494.77                     | 23.95   | 9,086.58                                | 10,526.94                      | 1,440.36                    |
| 629.03                  | 1,225.58   | 522.31                     | 20.31   | 8,592.27                                | 9,757.91                       | 1,165.64                    |
| 4,206.79                | 12,356.92  | 4,663.88                   | 210.32  | 70,552.19                               | 79,288.99                      | 8,736.80                    |
| 1,641.75                | 3,636.21   | 1,665.48                   | 59.09   | 23,480.55                               | 25,545.75                      | 2,065.20                    |
| 7,018.38                | 23,272.31  | 8,172.02                   | 399.26  | 128,802.25                              | 139,475.51                     | 10,673.26                   |
| 2,822.64                | 7,176.76   | 2,987.53                   | 119.37  | 43,922.44                               | 47,446.90                      | 3,524.46                    |
| 329.24                  | 656.62   | 322.96                     | 10.58   | 5,029.43                                | 5,656.24                       | 626.81                      |
| 1,279.78                | 3,787.11   | 1,291.77                   | 65.59   | 21,906.55                               | 23,852.13                      | 1,945.58                    |
| 364.57                  | 885.14   | 377.86                     | 14.67   | 5,905.81                                | 6,445.69                       | 539.88                      |
| 2,666.30                | 5,280.24   | 2,237.40                   | 89.65   | 35,755.51                               | 41,235.39                      | 5,479.88                    |
| 3,911.79                | 11,714.31  | 3,963.59                   | 202.34  | 68,982.19                               | 76,279.96                      | 7,297.77                    |
| 228.61                  | 673.70   | 229.50                     | 11.74   | 4,162.27                                | 5,231.93                       | 1,069.66                    |
| 122.63                  | 289.97   | 113.65                     | 4.89  | 2,612.61                                | 2,447.01                       | 165.60                      |
| 210.94                  | 684.95   | 223.27                     | 11.92   | 4,141.81                                | 4,581.86                       | 440.05                      |
| 241.50                  | 480.11   | 234.91                     | 7.74  | 3,622.59                                | 3,935.37                       | 312.78                      |
| 946.93                  | 2,568.33   | 923.63                     | 44.02   | 15,540.25                               | 17,223.75                      | 1,683.50                    |
| 2,413.96                | 5,705.06   | 2,476.48                   | 94.08   | 35,587.43                               | 39,322.36                      | 3,734.93                    |
| 6,060.83                | 17,049.18  | 6,645.30                   | 287.57  | 100,100.07                              | 110,474.67                     | 10,374.60                   |
| 25,577.39               | 72,607.31  | 27,892.43                  | 1,222.67  | 423,461.37                              | 460,939.02                     | 37,477.65                   |
| 1,606.19                | 6,446.43   | 1,992.56                   | 114.70  | 35,176.77                               | 38,542.73                      | 3,365.96                    |
| 11,259.12               | 71,358.10  | 17,636.93                  | 1,289.94  | 337,807.06                              | 375,297.24                     | 37,490.18                   |
| 55,138.38               | 172,203.05   | 63,109.16                  | 2,935.32  | 972,466.86                              | 1,067,509.26                   | 95,042.40                   |
| 1,570.61                | 3,874.66   | 1,633.33                   | 64.16   | 24,372.61                               | 25,502.26                      | 1,129.65                    |
| 610.79                  | 1,690.83   | 602.80                     | 29.05   | 10,240.57                               | 11,159.05                      | 918.48                      |
| 7,943.07                | 21,197.30  | 8,514.67                   | 358.01  | 127,365.77                              | 135,489.96                     | 8,124.19                    |
| 574.46                  | 1,162.48   | 576.79                     | 18.57   | 7,758.55                                | 9,170.86                       | 1,412.31                    |
| 405.35                  | 1,096.48   | 391.97                     | 18.77   | 7,111.06                                | 7,592.54                       | 481.48                      |
| 3,133.03                | 7,415.65   | 2,841.80                   | 127.13  | 47,420.20                               | 52,354.45                      | 4,934.25                    |
| 376.55                  | 1,021.34   | 367.31                     | 17.50   | 6,443.11                                | 7,691.59                       | 1,248.48                    |
| 54,775.29               | 152,088.84   | 54,142.16                  | 2,613.94  | 902,424.80                              | 985,438.66                     | 83,013.86                   |
| 64,754.11               | 281,483.23   | 80,850.24                  | 4,989.13  | 1,481,115.17                            | 1,538,432.80                   | 57,317.63                   |
| 499.01                  | 1,231.03   | 518.93                     | 20.39   | 8,399.41                                | 8,665.84                       | 266.43                      |
| 16,378.73               | 49,097.54  | 16,589.54                  | 857.02  | 290,852.72                              | 316,943.25                     | 26,090.53                   |
| 757.21                  | 1,548.24   | 641.96                     | 26.11   | 10,529.67                               | 11,638.04                      | 1,108.37                    |
| 2,084.41                | 4,417.33   | 2,085.46                   | 71.68   | 29,493.66                               | 31,943.84                      | 2,450.18                    |
| 4,538.73                | 14,272.93  | 5,198.54                   | 243.39  | 80,881.89                               | 86,771.19                      | 5,889.30                    |
| 1,291.52                | 2,683.59   | 1,272.90                   | 44.06   | 18,959.48                               | 20,537.92                      | 1,578.44                    |
| 1,501.63                | 3,990.47   | 1,437.08                   | 69.65   | 27,670.02                               | 30,109.33                      | 2,439.31                    |

## SOUTHERN ONTARIO

## COST OF POWER, AMOUNT BILLED AT INTERIM RATES,

For the Fourteen-Month Period

| Municipality         | Interim<br>rate<br>per<br>kilowatt | Average<br>load<br>supplied in<br>14-month<br>period<br>after<br>correction<br>for<br>power<br>factor<br><br>kilowatts | Share of operating            |   |            |
|----------------------|------------------------------------|--|-------------------------------|---|------------|
|                      |                                    |  | Cost of<br>power<br>purchased | Operating<br>maintenance<br>and<br>administrative<br>expenses | Interest   |
|                      | \$                                 |  | \$                            | \$  | \$         |
| Penetanguishene..... | 35.50                              | 1,213.4  | 10,917.04                     | 13,294.24   | 10,109.83  |
| Perth.....           | 34.80                              | 2,154.6  | 19,385.08                     | 19,374.65   | 18,160.84  |
| Peterborough.....    | 32.80                              | 19,791.2   | 178,062.74                    | 168,929.62  | 149,779.85 |
| Petrolia.....        | 44.90                              | 1,029.6  | 9,263.37                      | 11,575.23   | 13,283.91  |
| Pictou.....          | 38.80                              | 1,891.0  | 17,013.45                     | 20,404.10   | 17,368.19  |
| Plattsville.....     | 46.20                              | 251.1  | 2,259.16                      | 3,467.23  | 3,062.36   |
| Point Edward.....    | 45.50                              | 2,132.8  | 19,188.94                     | 18,179.81   | 27,329.90  |
| Port Colborne.....   | 35.50                              | 2,057.0  | 18,506.97                     | 17,563.92   | 18,153.05  |
| Port Credit.....     | 36.10                              | 1,483.1  | 13,343.55                     | 12,053.53   | 13,795.17  |
| Port Dalhousie.....  | 34.10                              | 1,019.3  | 9,170.71                      | 9,526.26  | 8,406.34   |
| Port Dover.....      | 41.50                              | 722.7  | 6,502.18                      | 8,360.46  | 8,190.68   |
| Port Elgin.....      | 45.50                              | 656.0  | 5,902.08                      | 8,718.52  | 7,177.14   |
| Port Hope.....       | 37.50                              | 3,873.4  | 34,849.24                     | 40,318.30   | 34,780.22  |
| Port McNicoll.....   | 36.80                              | 148.8  | 1,338.76                      | 1,829.35  | 1,224.68   |
| Port Perry.....      | 43.50                              | 451.2  | 4,059.48                      | 6,355.64  | 4,882.20   |
| Port Rowan.....      | 50.90                              | 159.3  | 1,433.23                      | 2,498.23  | 2,046.88   |
| Port Stanley.....    | 44.20                              | 919.4  | 8,271.90                      | 11,592.76   | 11,632.96  |
| Prescott.....        | 36.10                              | 1,394.6  | 12,547.31                     | 12,713.92   | 12,050.10  |
| Preston.....         | 34.80                              | 4,620.4  | 41,570.04                     | 37,202.69   | 42,316.10  |
| Priceville.....      | 50.90                              | 18.7   | 168.25                        | 375.62  | 221.12     |
| Princeton.....       | 48.20                              | 144.1  | 1,296.48                      | 2,086.08  | 1,639.03   |
| Queenston.....       | 32.80                              | 173.0  | 1,556.49                      | 1,276.10  | 1,198.29   |
| Renfrew.....         | 38.20                              | 1,204.2  | 10,834.27                     | 14,858.35   | 11,102.32  |
| Richmond.....        | 50.90                              | 125.6  | 1,130.03                      | 4,185.99  | 998.17     |
| Richmond Hill.....   | 36.80                              | 821.1  | 7,387.49                      | 7,133.66  | 7,984.11   |
| Ridgetown.....       | 40.80                              | 616.0  | 5,542.19                      | 6,899.46  | 7,258.70   |
| Ripley.....          | 52.20                              | 141.2  | 1,270.39                      | 2,859.07  | 1,396.58   |
| Riverside.....       | 41.50                              | 1,898.4  | 17,080.03                     | 20,166.82   | 22,527.74  |
| Rockwood.....        | 40.20                              | 213.8  | 1,923.57                      | 2,219.80  | 2,361.73   |
| Rodney.....          | 47.50                              | 209.3  | 1,883.09                      | 3,257.15  | 2,637.97   |
| Rosseau.....         | 52.20                              | 43.2   | 388.67                        | 1,227.51  | 455.60     |
| Russell.....         | 44.90                              | 116.7  | 1,049.96                      | 3,517.90  | 1,126.22   |
| St. Catharines.....  | 30.80                              | 27,950.5   | 251,472.50                    | 196,915.97  | 204,987.40 |
| St. Clair Beach..... | 45.50                              | 129.9  | 1,168.72                      | 1,693.92  | 1,541.50   |
| St. George.....      | 41.50                              | 216.5  | 1,947.86                      | 2,876.10  | 2,112.82   |
| St. Jacobs.....      | 36.10                              | 362.8  | 3,264.14                      | 3,250.06  | 3,536.16   |
| St. Marys.....       | 40.20                              | 2,048.5  | 18,430.49                     | 20,632.97   | 23,752.12  |
| St. Thomas.....      | 36.10                              | 8,460.7  | 76,121.48                     | 75,411.83   | 83,612.07  |
| Sarnia.....          | 41.50                              | 12,211.3   | 109,865.89                    | 132,077.01  | 153,863.37 |
| Scarborough Twp..... | 36.10                              | 12,289.7   | 110,571.24                    | 111,617.24  | 121,034.65 |

## SYSTEM

Statement No. 15

## AND BALANCE CREDITED OR CHARGED TO MUNICIPALITIES

Ended December 31, 1950

| costs and fixed charges      |   |                                  | Excess of<br>cost over<br>revenue<br>for power<br>sold to<br>companies | Total cost<br>of power for<br>14-month<br>period | Amount<br>billed at<br>interim<br>rates | Balance<br>credited<br>or<br>charged |
|------------------------------|---|----------------------------------|--|--|---|--------------------------------------|
| Provision<br>for<br>renewals | Provision for<br>contingencies<br>and<br>obsolescence<br>and<br>frequency<br>standard-<br>ization | Provision<br>for<br>sinking fund |  |  |   |                                      |
| \$                           | \$  | \$                               | Debit  | \$   | \$                                      | \$                                   |
| 2,642.83                     | 7,916.53  | 2,674.04                         | 138.19   | 47,692.70  | 50,254.98                               | 2,562.28                             |
| 4,760.26                     | 14,180.92   | 4,819.50                         | 245.37   | 80,926.62  | 87,477.63                               | 6,551.01                             |
| 35,043.47                    | 128,125.15  | 39,686.93                        | 2,253.88   | 701,881.64                                       | 757,344.35                              | 55,462.71                            |
| 3,509.07                     | 7,296.96  | 3,558.81                         | 117.26   | 48,604.61  | 53,932.33                               | 5,327.72                             |
| 4,910.96                     | 12,534.59   | 4,619.31                         | 215.35   | 77,065.95  | 85,601.20                               | 8,535.25                             |
| 829.95                       | 1,742.38  | 819.07                           | 28.60  | 12,208.75  | 13,532.34                               | 1,323.59                             |
| 7,195.84                     | 15,101.97   | 7,320.70                         | 242.89   | 94,560.05  | 113,215.38                              | 18,655.33                            |
| 4,244.52                     | 13,706.94   | 4,822.38                         | 234.26   | 77,232.04  | 85,195.24                               | 7,963.20                             |
| 3,250.79                     | 9,935.45  | 3,655.96                         | 168.90   | 56,203.35  | 62,463.49                               | 6,260.14                             |
| 1,899.95                     | 6,711.68  | 2,228.54                         | 116.08   | 38,059.56  | 40,550.56                               | 2,491.00                             |
| 2,132.01                     | 4,974.49  | 2,185.88                         | 82.30  | 32,428.00  | 34,988.27                               | 2,560.27                             |
| 2,305.82                     | 4,416.93  | 1,909.94                         | 74.71  | 30,505.14  | 34,820.38                               | 4,315.24                             |
| 9,461.78                     | 25,732.13   | 9,241.71                         | 441.11   | 154,824.49                                       | 169,461.84                              | 14,637.35                            |
| 316.47                       | 971.90  | 323.91                           | 16.95  | 6,022.02   | 6,387.57                                | 365.55                               |
| 1,562.09                     | 3,037.11  | 1,299.36                         | 51.38  | 21,247.26  | 22,899.11                               | 1,651.85                             |
| 564.10                       | 1,126.53  | 547.91                           | 18.14  | 8,235.02   | 9,457.20                                | 1,222.18                             |
| 3,191.02                     | 6,476.62  | 3,109.72                         | 104.70   | 44,379.68  | 47,410.75                               | 3,031.07                             |
| 3,242.01                     | 9,181.83  | 3,201.48                         | 158.82   | 53,095.47  | 58,735.56                               | 5,640.09                             |
| 9,784.00                     | 30,877.99   | 11,225.19                        | 526.19   | 173,502.20                                       | 187,587.95                              | 14,085.75                            |
| 74.49                        | 130.55  | 59.00                            | 2.13   | 1,031.16   | 1,110.48                                | 79.32                                |
| 429.77                       | 996.64  | 437.38                           | 16.41  | 6,901.79   | 8,104.41                                | 1,202.62                             |
| 238.56                       | 1,107.96  | 316.02                           | 19.70  | 5,713.12   | 6,621.23                                | 908.11                               |
| 3,128.39                     | 8,007.95  | 2,952.42                         | 137.14   | 51,020.84  | 53,666.23                               | 2,645.39                             |
| 248.99                       | 818.20  | 264.60                           | 14.30  | 7,660.28   | 7,455.57                                | 204.71                               |
| 1,914.49                     | 5,530.85  | 2,121.35                         | 93.51  | 32,165.46  | 35,250.72                               | 3,085.26                             |
| 1,907.90                     | 4,275.07  | 1,934.37                         | 70.15  | 27,887.84  | 29,319.56                               | 1,431.72                             |
| 420.71                       | 941.68  | 370.97                           | 16.08  | 7,275.48   | 8,596.46                                | 1,320.98                             |
| 5,813.11                     | 13,244.60   | 6,012.59                         | 216.20   | 85,061.09  | 91,912.45                               | 6,851.36                             |
| 609.10                       | 1,468.85  | 628.51                           | 24.35  | 9,235.91   | 10,028.84                               | 792.93                               |
| 721.40                       | 1,475.57  | 704.39                           | 23.84  | 10,703.41  | 11,598.29                               | 894.88                               |
| 143.04                       | 292.74  | 120.98                           | 4.92   | 2,633.46   | 2,633.46                                | .....                                |
| 325.13                       | 784.29  | 300.36                           | 13.29  | 7,117.15   | 6,114.61                                | 1,002.54                             |
| 42,274.04                    | 181,059.98  | 54,221.15                        | 3,183.09   | 934,114.13                                       | 1,004,352.07                            | 70,237.94                            |
| 397.77                       | 906.28  | 411.42                           | 14.79  | 6,134.40   | 6,894.75                                | 760.35                               |
| 509.02                       | 1,464.08  | 561.18                           | 24.66  | 9,495.72   | 10,481.50                               | 985.78                               |
| 849.54                       | 2,440.23  | 939.81                           | 41.32  | 14,321.26  | 15,278.10                               | 956.84                               |
| 6,136.18                     | 14,297.54   | 6,340.96                         | 233.30   | 89,823.56  | 96,072.96                               | 6,249.40                             |
| 20,268.76                    | 57,359.47   | 22,231.37                        | 963.53   | 335,968.51                                       | 356,337.08                              | 20,368.57                            |
| 40,108.35                    | 86,018.10   | 41,148.42                        | 1,390.66   | 564,471.80                                       | 591,231.12                              | 26,759.32                            |
| 29,254.01                    | 82,817.56   | 32,133.07                        | 1,399.59   | 488,827.36                                       | 517,600.88                              | 28,773.52                            |



## SOUTHERN ONTARIO

## COST OF POWER, AMOUNT BILLED AT INTERIM RATES,

For the Fourteen-Month Period

| Municipality          | Interim<br>rate<br>per<br>kilowatt | Average<br>load<br>supplied in<br>14-month<br>period<br>after<br>correction<br>for<br>power<br>factor<br><br>kilowatts | Share of operating            |   |              |
|-----------------------|------------------------------------|--|-------------------------------|---|--------------|
|                       |                                    |  | Cost of<br>power<br>purchased | Operating<br>maintenance<br>and<br>administrative<br>expenses | Interest     |
|                       | \$                                 |  | \$                            | \$  | \$           |
| Seaforth.....         | 38.80                              | 1,153.5  | 10,378.12                     | 11,170.25   | 12,343.79    |
| Shelburne.....        | 40.80                              | 427.8  | 3,848.94                      | 5,303.12  | 4,102.90     |
| Simcoe.....           | 36.10                              | 2,962.4  | 26,652.91                     | 25,797.38   | 28,478.27    |
| Smiths Falls.....     | 33.50                              | 3,901.8  | 35,104.75                     | 33,494.74   | 30,685.11    |
| Smithville.....       | 38.20                              | 414.6  | 3,730.18                      | 5,530.54  | 3,987.75     |
| Southampton.....      | 44.90                              | 678.4  | 6,103.61                      | 8,829.24  | 7,249.24     |
| Springfield.....      | 47.50                              | 109.1  | 981.58                        | 1,431.45  | 1,213.66     |
| Stamford Twp.....     | 28.40                              | 4,709.3  | 42,369.88                     | 28,034.25   | 27,916.59    |
| Stayner.....          | 38.20                              | 409.0  | 3,679.80                      | 4,772.06  | 3,597.15     |
| Stirling.....         | 32.80                              | 461.4  | 4,151.25                      | 3,949.89  | 3,453.29     |
| Stoney Creek.....     | 35.50                              | 638.0  | 5,740.13                      | 6,826.79  | 6,414.21     |
| Stouffville.....      | 39.50                              | 602.1  | 5,417.13                      | 5,938.51  | 6,261.84     |
| Stratford.....        | 36.80                              | 8,135.4  | 73,194.73                     | 71,022.44   | 81,382.78    |
| Strathroy.....        | 37.50                              | 1,723.2  | 15,503.74                     | 17,542.66   | 17,670.63    |
| Streetsville.....     | 37.50                              | 709.2  | 6,380.72                      | 5,929.44  | 6,992.00     |
| Sunderland.....       | 41.50                              | 204.0  | 1,835.40                      | 3,023.57  | 1,903.02     |
| Sutton.....           | 46.20                              | 459.9  | 4,137.75                      | 5,502.02  | 5,857.75     |
| Swansea.....          | 37.50                              | 3,120.2  | 28,072.65                     | 33,978.96   | 28,259.90    |
| Tara.....             | 44.90                              | 179.0  | 1,610.47                      | 2,508.07  | 1,883.77     |
| Tavistock.....        | 39.50                              | 681.5  | 6,131.50                      | 6,851.36  | 7,537.30     |
| Tecumseh.....         | 42.90                              | 654.9  | 5,892.18                      | 7,804.53  | 7,771.49     |
| Teeswater.....        | 44.90                              | 263.7  | 2,372.53                      | 3,741.51  | 2,843.24     |
| Thamesford.....       | 40.20                              | 290.5  | 2,613.65                      | 3,647.92  | 3,368.80     |
| Thamesville.....      | 42.20                              | 332.8  | 2,994.22                      | 3,937.06  | 4,126.08     |
| Theford.....          | 52.20                              | 196.5  | 1,767.92                      | 2,381.69  | 2,587.50     |
| Thornbury.....        | 48.20                              | 200.0  | 1,799.41                      | 3,557.61  | 1,978.16     |
| Thornedale.....       | 44.20                              | 135.9  | 1,222.70                      | 1,700.05  | 1,405.84     |
| Thornton.....         | 49.60                              | 54.3   | 488.54                        | 1,400.83  | 647.84       |
| Thorold.....          | 32.10                              | 3,358.3  | 30,214.85                     | 24,232.71   | 25,226.05    |
| Tilbury.....          | 40.80                              | 1,119.6  | 10,073.12                     | 12,310.18   | 13,192.93    |
| Tillsonburg.....      | 36.80                              | 2,179.8  | 19,611.80                     | 22,293.71   | 21,924.82    |
| Toronto.....          | 33.10                              | 362,800.9  | 3,264,143.73                  | 2,791,516.25  | 3,195,464.88 |
| Toronto Twp.....      | 36.10                              | 7,372.5  | 66,330.88                     | 62,527.15   | 70,232.54    |
| Tottenham.....        | 52.20                              | 154.8  | 1,392.75                      | 2,677.30  | 2,179.22     |
| Trafalgar Twp.....    | 39.50                              | 1,168.4  | 10,512.17                     | 12,113.95   | 11,575.82    |
| Trenton.....          | 31.50                              | 6,247.8  | 56,211.87                     | 49,752.56   | 44,429.15    |
| Tweed.....            | 46.20                              | 541.0  | 4,867.41                      | 7,173.53  | 5,998.26     |
| Uxbridge.....         | 44.90                              | 555.1  | 4,994.27                      | 7,999.98  | 6,216.81     |
| Victoria Harbour..... | 42.90                              | 126.5  | 1,138.13                      | 1,897.91  | 1,266.87     |
| Walkerton.....        | 34.80                              | 1,364.8  | 12,279.20                     | 14,098.42   | 10,910.36    |

## SYSTEM

Statement No. 15

## AND BALANCE CREDITED OR CHARGED TO MUNICIPALITIES

Ended December 31, 1950

| costs and fixed charges      |   |                                  | Excess of<br>cost over<br>revenue<br>for power<br>sold to<br>companies | Total cost<br>of power for<br>14-month<br>period | Amount<br>billed at<br>interim<br>rates | Balance<br>credited<br>or<br>charged |
|------------------------------|---|----------------------------------|--|--|---|--------------------------------------|
| Provision<br>for<br>renewals | Provision for<br>contingencies<br>and<br>obsolescence<br>and<br>frequency<br>standard-<br>ization | Provision<br>for<br>sinking fund |  |  |   |                                      |
| \$                           | \$  | \$                               | Debit  | \$   | \$                                      | \$                                   |
| 3,106.21                     | 7,897.73  | 3,287.66                         | 131.36   | 48,315.12  | 52,215.12                               | 3,900.00                             |
| 1,200.67                     | 2,841.90  | 1,089.07                         | 48.72  | 18,435.32  | 20,361.24                               | 1,925.92                             |
| 6,755.72                     | 19,906.71   | 7,567.59                         | 337.37   | 115,495.95                                       | 124,767.29                              | 9,271.34                             |
| 7,502.42                     | 25,475.82   | 8,132.91                         | 444.35   | 140,840.10                                       | 152,495.61                              | 11,655.51                            |
| 993.81                       | 2,767.31  | 1,061.58                         | 47.22  | 18,118.39  | 18,478.28                               | 359.89                               |
| 2,297.78                     | 4,550.45  | 1,928.16                         | 77.26  | 31,035.74  | 35,534.96                               | 4,499.22                             |
| 313.54                       | 753.31  | 323.30                           | 12.42  | 5,029.26   | 6,045.15                                | 1,015.89                             |
| 4,681.11                     | 29,668.02   | 7,332.77                         | 536.31   | 140,538.93                                       | 156,035.51                              | 15,496.58                            |
| 989.40                       | 2,702.00  | 953.26                           | 46.58  | 16,740.25  | 18,226.48                               | 1,486.23                             |
| 797.90                       | 2,982.73  | 914.56                           | 52.55  | 16,302.17  | 17,655.95                               | 1,353.78                             |
| 1,583.08                     | 4,321.20  | 1,703.60                         | 72.66  | 26,661.67  | 26,425.28                               | 236.39                               |
| 1,563.27                     | 4,094.61  | 1,667.46                         | 68.57  | 25,011.39  | 27,746.76                               | 2,735.37                             |
| 19,714.89                    | 55,229.78   | 21,648.02                        | 926.48   | 323,119.12                                       | 349,279.83                              | 26,160.71                            |
| 4,372.21                     | 11,703.02   | 4,700.57                         | 196.24   | 71,689.07  | 75,388.42                               | 3,699.35                             |
| 1,707.46                     | 4,786.55  | 1,855.66                         | 80.77  | 27,732.60  | 31,026.54                               | 3,293.94                             |
| 549.26                       | 1,351.87  | 504.81                           | 23.23  | 9,191.16   | 9,877.32                                | 686.16                               |
| 1,615.85                     | 3,212.14  | 1,569.70                         | 52.37  | 21,947.58  | 24,787.43                               | 2,839.85                             |
| 6,523.96                     | 20,810.58   | 7,492.79                         | 355.34   | 125,494.18                                       | 136,511.54                              | 11,017.36                            |
| 591.10                       | 1,208.61  | 501.13                           | 20.39  | 8,323.54   | 9,374.36                                | 1,050.82                             |
| 1,928.91                     | 4,699.00  | 2,008.17                         | 77.61  | 29,233.85  | 31,405.77                               | 2,171.92                             |
| 2,005.37                     | 4,569.05  | 2,074.19                         | 74.58  | 30,191.39  | 32,777.02                               | 2,585.63                             |
| 906.38                       | 1,790.46  | 756.87                           | 30.03  | 12,441.02  | 13,812.71                               | 1,371.69                             |
| 887.40                       | 2,006.57  | 897.95                           | 33.08  | 13,455.37  | 13,624.42                               | 169.05                               |
| 1,110.75                     | 2,330.37  | 1,100.46                         | 37.90  | 15,636.84  | 16,385.52                               | 748.68                               |
| 692.14                       | 1,400.56  | 694.96                           | 22.38  | 9,547.15   | 11,965.52                               | 2,418.37                             |
| 595.91                       | 1,333.82  | 525.45                           | 22.78  | 9,813.14   | 11,249.49                               | 1,436.35                             |
| 349.22                       | 924.42  | 373.81                           | 15.48  | 5,991.52   | 7,008.28                                | 1,016.76                             |
| 218.93                       | 371.90  | 172.65                           | 6.18   | 3,306.87   | 3,143.40                                | 163.47                               |
| 5,311.81                     | 21,842.55   | 6,676.90                         | 382.45   | 113,887.32                                       | 125,768.33                              | 11,881.01                            |
| 3,467.68                     | 7,770.09  | 3,515.78                         | 127.50   | 50,457.28  | 53,290.58                               | 2,833.30                             |
| 5,370.71                     | 14,729.69   | 5,826.30                         | 248.24   | 90,005.27  | 93,584.54                               | 3,579.27                             |
| 718,253.71                   | 2,409,340.72  | 846,565.98                       | 41,316.88  | 13,266,602.15                                    | 14,010,159.73                           | 743,557.58                           |
| 16,808.46                    | 49,606.32   | 18,626.47                        | 839.60   | 284,971.42                                       | 310,505.11                              | 25,533.69                            |
| 793.96                       | 1,070.85  | 581.66                           | 17.63  | 8,713.37   | 9,428.16                                | 714.79                               |
| 2,824.11                     | 7,834.48  | 3,072.49                         | 133.06   | 48,066.08  | 53,843.41                               | 5,777.33                             |
| 9,601.20                     | 40,214.38   | 11,750.61                        | 711.52   | 212,671.29                                       | 229,606.90                              | 16,935.61                            |
| 1,938.77                     | 3,651.34  | 1,600.54                         | 61.61  | 25,291.46  | 29,161.02                               | 3,869.56                             |
| 2,030.37                     | 3,746.20  | 1,655.73                         | 63.22  | 26,706.58  | 29,078.74                               | 2,372.16                             |
| 385.01                       | 842.25  | 336.42                           | 14.41  | 5,881.00   | 6,333.09                                | 452.09                               |
| 2,653.53                     | 8,890.89  | 2,883.44                         | 155.43   | 51,871.27  | 55,409.14                               | 3,537.87                             |

SOUTHERN ONTARIO

COST OF POWER, AMOUNT BILLED AT INTERIM RATES,  
For the Fourteen-Month Period

| Municipality                          | Interim<br>rate<br>per<br>kilowatt | Average<br>load<br>supplied in<br>14-month<br>period<br>after<br>correction<br>for<br>power<br>factor | Share of operating            |   |               |
|---------------------------------------|------------------------------------|---|-------------------------------|---|---------------|
|                                       |                                    | kilowatts   | Cost of<br>power<br>purchased | Operating<br>maintenance<br>and<br>administrative<br>expenses | Interest      |
|                                       | \$                                 |   | \$                            | \$  | \$            |
| Wallaceburg.....                      | 38.80                              | 6,400.2   | 57,583.02                     | 64,545.11   | 71,318.53     |
| Wardsville.....                       | 50.90                              | 101.0   | 908.70                        | 1,895.93  | 1,307.30      |
| Warkworth.....                        | 48.20                              | 120.0   | 1,079.65                      | 2,124.92  | 1,132.30      |
| Waterdown.....                        | 37.50                              | 459.2   | 4,131.45                      | 4,937.59  | 4,616.63      |
| Waterford.....                        | 37.50                              | 535.7   | 4,819.73                      | 5,039.07  | 5,379.74      |
| Waterloo.....                         | 34.80                              | 7,068.6   | 63,596.66                     | 56,672.98   | 64,450.24     |
| Watford.....                          | 46.20                              | 524.9   | 4,722.56                      | 6,518.78  | 7,378.60      |
| Waubashene.....                       | 36.80                              | 168.9   | 1,519.60                      | 2,049.94  | 1,390.14      |
| Welland.....                          | 30.80                              | 10,495.3  | 94,426.91                     | 73,810.14   | 76,503.55     |
| Wellesley.....                        | 42.20                              | 188.0   | 1,691.45                      | 2,001.26  | 2,218.58      |
| Wellington.....                       | 38.80                              | 345.0   | 3,103.99                      | 3,892.00  | 3,183.92      |
| West Lorne.....                       | 43.50                              | 583.9   | 5,253.39                      | 7,132.42  | 7,359.35      |
| Weston.....                           | 34.10                              | 5,422.9   | 48,790.19                     | 41,389.12   | 48,060.76     |
| Westport.....                         | 48.20                              | 170.5   | 1,534.00                      | 4,171.23  | 1,696.74      |
| Wheatley.....                         | 50.20                              | 364.2   | 3,276.73                      | 6,807.73  | 4,555.10      |
| Whitby.....                           | 36.10                              | 1,979.7   | 17,811.49                     | 19,280.85   | 17,221.66     |
| Warton.....                           | 47.50                              | 587.3   | 5,283.98                      | 8,136.21  | 6,797.88      |
| Williamsburg.....                     | 36.80                              | 115.3   | 1,037.36                      | 1,089.17  | 996.24        |
| Winchester.....                       | 37.50                              | 597.4   | 5,374.85                      | 6,556.71  | 5,765.27      |
| Windermere.....                       | 52.20                              | 68.2  | 613.60                        | 1,935.94  | 719.25        |
| Windsor.....                          | 37.50                              | 53,113.1  | 477,862.08                    | 491,685.77  | 568,796.94    |
| Wingham.....                          | 42.20                              | 1,152.6   | 10,370.02                     | 14,539.24   | 11,671.25     |
| Woodbridge.....                       | 37.50                              | 1,412.8   | 12,711.06                     | 12,606.93   | 13,986.34     |
| Woodstock.....                        | 34.80                              | 9,040.8   | 81,340.68                     | 75,157.15   | 83,981.72     |
| Woodville.....                        | 46.90                              | 80.9  | 727.86                        | 1,456.85  | 785.30        |
| Wyoming.....                          | 49.60                              | 139.2   | 1,252.39                      | 2,279.35  | 1,862.67      |
| York Twp.....                         | 33.50                              | 27,794.2  | 250,066.26                    | 208,697.74  | 242,112.51    |
| Zurich.....                           | 49.60                              | 190.7   | 1,715.74                      | 3,477.20  | 2,648.75      |
| Ontario Central<br>Reformatory.....   | 36.10                              | 278.6   | 2,506.58                      | 2,333.37  | 2,733.82      |
| Total—Municipalities.....             |                                    | 1,313,964.4   | 11,821,824.76                 | 11,033,385.14   | 11,771,480.80 |
| Total—Rural Power District.....       |                                    | 198,003.0   | 1,798,744.88                  | 2,040,774.85  | 2,092,161.01  |
| Total—Companies.....                  |                                    | 443,050.9   | 3,986,158.28                  | 3,478,976.31  | 3,638,183.34  |
| Total—Local distribution systems..... |                                    | 1,293.4   | 11,636.81                     | 43,554.62   | 21,839.90     |
| Grand Total.....                      |                                    | 1,956,311.7   | 17,618,364.73                 | 16,596,690.92   | 17,523,665.05 |

Contingencies and obsolescence....  
Frequency standardization.....

(1) Operating, maintenance, and administrative expenses have been credited with amounts totalling \$19,297.82 required to reduce the cost of power to certain municipalities to a maximum of \$52.20 per kilowatt.



## SYSTEM

Statement No. 15

## AND BALANCE CREDITED OR CHARGED TO MUNICIPALITIES

Ended December 31, 1950

| costs and fixed charges      |   |                                  | Excess of<br>cost over<br>revenue<br>for power<br>sold to<br>companies | Total cost<br>of power for<br>14-month<br>period | Amount<br>billed at<br>interim<br>rates | Balance<br>credited<br>or<br>charged |
|------------------------------|---|----------------------------------|--|--|---|--------------------------------------|
| Provision<br>for<br>renewals | Provision for<br>contingencies<br>and<br>obsolescence<br>and<br>frequency<br>standard-<br>ization | Provision<br>for<br>sinking fund |  |  |   |                                      |
| \$                           | \$  | \$                               | \$   | \$   | \$                                      | \$                                   |
| 18,229.51                    | 44,015.04   | 18,992.08                        | 728.87   | 275,412.16                                       | 287,040.50                              | 11,628.34                            |
| 358.70                       | 713.10  | 348.90                           | 11.50  | 5,544.13   | 5,997.70                                | 453.57                               |
| 327.62                       | 808.35  | 301.09                           | 13.67  | 5,787.60   | 6,746.77                                | 959.17                               |
| 1,139.42                     | 3,110.16  | 1,226.17                         | 52.30  | 19,213.72  | 20,090.91                               | 877.19                               |
| 1,309.71                     | 3,632.17  | 1,430.30                         | 61.01  | 21,671.73  | 23,435.90                               | 1,764.17                             |
| 14,824.40                    | 47,171.26   | 17,097.91                        | 804.99   | 264,618.44                                       | 286,986.90                              | 22,368.46                            |
| 2,021.42                     | 3,755.03  | 1,977.52                         | 59.78  | 26,433.69  | 28,289.76                               | 1,856.07                             |
| 359.23                       | 1,103.18  | 367.67                           | 19.23  | 6,808.99   | 7,252.68                                | 443.69                               |
| 15,697.06                    | 67,940.43   | 20,232.61                        | 1,195.24   | 349,805.94                                       | 377,129.32                              | 27,323.38                            |
| 591.24                       | 1,301.50  | 593.00                           | 21.41  | 8,418.44   | 9,257.96                                | 839.52                               |
| 903.27                       | 2,288.67  | 846.60                           | 39.29  | 14,257.74  | 15,616.36                               | 1,358.62                             |
| 2,012.54                     | 4,116.54  | 1,965.10                         | 66.50  | 27,905.84  | 29,635.05                               | 1,729.21                             |
| 10,835.08                    | 36,002.52   | 12,740.31                        | 617.58   | 198,435.56                                       | 215,741.89                              | 17,306.33                            |
| 487.40                       | 1,152.46  | 451.72                           | 19.42  | 9,512.97   | 9,589.37                                | 76.40                                |
| 1,205.16                     | 2,558.85  | 1,216.63                         | 41.48  | 19,661.68  | 21,330.39                               | 1,668.71                             |
| 4,550.78                     | 13,048.93   | 4,574.60                         | 225.45   | 76,713.76  | 83,377.45                               | 6,663.69                             |
| 2,256.05                     | 3,984.26  | 1,810.89                         | 66.88  | 28,336.15  | 32,545.81                               | 4,209.66                             |
| 268.03                       | 759.12  | 264.69                           | 13.13  | 4,427.74   | 4,949.91                                | 522.17                               |
| 1,664.37                     | 4,014.87  | 1,537.61                         | 68.03  | 24,981.71  | 26,136.52                               | 1,154.81                             |
| 225.83                       | 462.14  | 190.99                           | 7.77   | 4,155.52   | 4,155.52                                | .....                                |
| 138,995.46                   | 363,999.59  | 151,622.65                       | 6,048.68   | 2,199,011.17                                     | 2,323,697.47                            | 124,686.30                           |
| 3,563.60                     | 7,712.82  | 3,101.73                         | 131.26   | 51,089.92  | 56,748.10                               | 5,658.18                             |
| 3,391.05                     | 9,539.07  | 3,718.07                         | 160.89   | 56,113.41  | 61,809.99                               | 5,696.58                             |
| 19,608.81                    | 60,609.07   | 22,293.69                        | 1,029.59   | 344,020.71                                       | 367,057.06                              | 23,036.35                            |
| 233.59                       | 539.43  | 208.50                           | 9.21   | 3,960.74   | 4,424.61                                | 463.87                               |
| 500.02                       | 990.53  | 499.12                           | 15.85  | 7,399.93   | 8,054.62                                | 654.69                               |
| 53,883.45                    | 184,135.62  | 64,140.10                        | 3,165.29   | 1,006,200.97                                     | 1,086,290.24                            | 80,089.27                            |
| 751.93                       | 1,354.51  | 708.39                           | 21.72  | 10,678.24  | 11,032.28                               | 354.04                               |
| 661.66                       | 1,881.30  | 726.30                           | 31.73  | 10,874.76  | 11,732.77                               | 858.01                               |
| 2,755,730.67                 | 8,737,798.19  | 3,122,499.72                     | 149,638.30   | 49,392,357.58                                    | 52,680,264.21                           | 3,287,906.63                         |
| 562,240.99                   | 1,346,664.17  | 557,028.29                       | 22,549.19  | 8,420,163.38                                     | 8,420,163.38                            | .....                                |
| 832,125.47                   | 2,910,494.70  | 965,114.28                       | 184,221.92   | 15,626,830.46                                    | 15,626,830.46                           | .....                                |
| 8,076.71                     | 11,170.72   | 5,842.60                         | 12,034.43  | 114,155.79                                       | 114,155.79                              | .....                                |
| 4,158,173.84                 | 13,006,127.78   | 4,650,484.89                     | .....  | 73,553,507.21                                    | 76,841,413.84                           | 3,287,906.63                         |
| .....\$                      | 6,021,968.98  |                                  |  |  |   |                                      |
| .....                        | 6,984,158.80  |                                  |  |  |   |                                      |
|                              | \$ 13,006,127.78  |                                  |  |  |   |                                      |

(2) The provision for frequency standardization included in the cost of power for the 14-month period was \$3.57 per kilowatt on all municipal, rural power district, and company loads.

## THUNDER BAY

## COST OF POWER, AMOUNT BILLED AT INTERIM RATES,

## For the Fourteen-Month Period

| Municipality                                | Interim<br>rate<br>per<br>kilowatt | Average<br>load<br>supplied in<br>14-month<br>period<br>after<br>correction<br>for<br>power<br>factor | Share of operating            |   |              |
|---|------------------------------------|---|-------------------------------|---|--------------|
|   |                                    | kilowatts   | Cost of<br>power<br>purchased | Operating<br>maintenance<br>and<br>administrative<br>expenses | Interest     |
|   | \$                                 |   | \$                            | \$  | \$           |
| Fort William.....                           | 31.50                              | 23,506.3  | 5.90                          | 203,784.18  | 329,113.65   |
| Nipigon Twp.....                            | 32.10                              | 543.7   | 0.14                          | 5,701.81  | 8,209.83     |
| Port Arthur.....                            | 31.50                              | 23,771.0  | 5.96                          | 212,085.51  | 332,819.73   |
| Red Rock.....                               | 32.10                              | 324.9   | 0.08                          | 3,920.90  | 4,269.77     |
| Schreiber.....                              | 52.20                              | 323.6   | 0.08                          | 4,929.15  | 5,781.83     |
| Terrace Bay.....                            | 52.20                              | 679.1   | 0.17                          | 7,282.20  | 10,041.97    |
| Total—Municipalities.....                   |                                    | 49,148.6  | 12.33                         | 437,703.75  | 690,236.78   |
| Total—Rural Power District.....             |                                    | 1,821.9   | 0.47                          | 17,982.23   | 29,029.73    |
| Total—Companies.....                        |                                    | 88,895.8  | 22.32                         | 649,807.40  | 1,179,911.09 |
| Total—Rainy River District<br>(N.O.P.)..... |                                    | 16,679.7  | 4.19                          | 114,541.45  | 218,732.88   |
| Total—Mining Area (mines).....              |                                    | 7,715.0   | 1.93                          | 120,497.89  | 93,060.64    |
| Total—Mining Area (townsites)....           |                                    | 915.7   | 0.23                          | 42,144.28   | 11,299.37    |
| Grand Total.....                            |                                    | 165,176.7   | 41.47                         | 1,382,677.00  | 2,222,270.49 |

## SYSTEM

Statement No. 16

## AND BALANCE CREDITED OR CHARGED TO MUNICIPALITIES

Ended December 31, 1950

| costs and fixed charges      |  |   |                                     | Excess of<br>cost over<br>revenue<br>for power<br>sold to<br>companies | Total cost<br>of power for<br>14-month<br>period | Amount<br>billed at<br>interim<br>rates | Balance<br>credited<br>or<br>charged |
|------------------------------|--|---|-------------------------------------|--|--|---|--------------------------------------|
| Provision<br>for<br>renewals | Provision<br>for<br>contingencies<br>and<br>obsolescence | Provision<br>for<br>stabilization<br>of rates | Provision<br>for<br>sinking<br>fund |  |  |   |                                      |
| \$                           | \$   | \$  | \$                                  | Debit  | \$   | \$                                      | \$                                   |
| 70,961.40                    | 62,245.71  | .....   | 88,900.31                           | 76,727.36  | 831,738.51                                       | 863,857.29                              | 32,118.78                            |
| 1,876.49                     | 1,518.22   | .....   | 2,217.43                            | 1,774.70   | 21,298.62  | 20,363.15                               | 935.47                               |
| 71,760.48                    | 62,946.66  | .....   | 89,901.39                           | 77,591.37  | 847,111.10                                       | 873,582.40                              | 26,471.30                            |
| 876.56                       | 825.65   | .....   | 1,153.24                            | 1,060.51   | 12,106.71  | 12,167.23                               | 60.52                                |
| 1,468.94                     | 1,020.98   | .....   | 1,561.64                            | 1,056.27   | 15,818.89  | 19,708.52                               | 3,889.63                             |
| 2,277.97                     | 1,874.36   | .....   | 2,712.27                            | 2,216.66   | 26,405.60  | 41,358.03                               | 14,952.43                            |
| 149,221.84                   | 130,431.58   | .....   | 186,446.28                          | 160,426.87   | 1,754,479.43                                     | 1,831,036.62                            | 76,557.19                            |
| 6,859.41                     | 5,277.65   | .....   | 7,841.36                            | 5,946.90   | 72,937.75  | 72,937.75                               | .....                                |
| 246,453.85                   | 225,928.65   | .....   | 320,458.33                          | 166,373.77   | 2,456,207.87                                     | 2,456,207.87                            | .....                                |
| 44,732.06                    | 25,618.03  | .....   | 59,078.47                           | .....  | 462,707.08                                       | 462,707.08                              | .....                                |
| 30,250.74                    | 10,906.28  | 42,267.41                                     | 35,035.19                           | .....  | 332,020.08                                       | 332,020.08                              | .....                                |
| 6,972.08                     | 1,359.62   | 41,208.92                                     | 6,021.75                            | .....  | 109,006.25                                       | 109,006.25                              | .....                                |
| 484,489.98                   | 399,521.81   | 83,476.33                                     | 614,881.38                          | .....  | 5,187,358.46                                     | 5,263,915.65                            | 76,557.19                            |



## SOUTHERN ONTARIO SYSTEM

SINKING FUND PAYMENTS BY MUNICIPALITIES  
AND INTEREST ALLOWED THEREON

(including proportionate shares of sinking funds provided out of other revenues of the system)

December 31, 1950

| Municipality       | Period of years to Dec. 31, 1950 | Amount       | Municipality        | Period of years to Dec. 31, 1950 | Amount     |
|--------------------|----------------------------------|--------------|---------------------|----------------------------------|------------|
|                    |                                  | \$           |                     |                                  | \$         |
| Acton.....         | 33 years                         | 162,134.07   | Brechin.....        | 31 years                         | 13,846.88  |
| Agincourt.....     | 27 "                             | 26,378.27    | Bridgeport.....     | 23 "                             | 16,586.96  |
| Ailsa Craig.....   | 30 "                             | 29,564.75    | Brigden.....        | 28 "                             | 23,316.14  |
| Alexandria.....    | 26 "                             | 59,192.94    | Brighton.....       | 21 "                             | 31,590.94  |
| Alliston.....      | 27 "                             | 53,457.53    | Brockville.....     | 30 "                             | 416,128.26 |
| Almonte.....       | 6 "                              | 8,840.63     | Brussels.....       | 27 "                             | 28,490.58  |
| Alvinston.....     | 27 "                             | 29,805.75    | Burford.....        | 30 "                             | 30,366.54  |
| Amherstburg.....   | 27 "                             | 124,249.28   | Burgessville.....   | 29 "                             | 11,037.26  |
| Ancaster Twp.....  | 27 "                             | 40,950.71    | Burks Falls.....    | 1 "                              | 291.41     |
| Apple Hill.....    | 26 "                             | 6,678.04     | Burlington.....     | 6 "                              | 30,205.55  |
| Arkona.....        | 24 "                             | 13,692.60    | Caledonia.....      | 33 "                             | 48,179.43  |
| Arnprior.....      | 12 "                             | 42,069.05    | Campbellville.....  | 26 "                             | 6,358.79   |
| Arthur.....        | 29 "                             | 38,970.51    | Cannington.....     | 31 "                             | 31,430.51  |
| Athens.....        | 22 "                             | 14,795.59    | Cardinal.....       | 21 "                             | 18,456.60  |
| Aurora.....        | 8 "                              | 34,931.39    | Carleton Place..... | 26 "                             | 170,927.60 |
| Aylmer.....        | 27 "                             | 101,623.17   | Cayuga.....         | 26 "                             | 22,348.52  |
| Ayr.....           | 31 "                             | 32,485.18    | Chatham.....        | 30 "                             | 848,237.72 |
| Baden.....         | 33 "                             | 66,343.66    | Chatsworth.....     | 30 "                             | 10,447.63  |
| Bancroft.....      | 1 "                              | 1,266.40     | Chesley.....        | 29 "                             | 75,469.73  |
| Barrie.....        | 32 "                             | 355,392.33   | Chesterville.....   | 31 "                             | 52,374.11  |
| Barry's Bay.....   | 1 "                              | 333.34       | Chippawa.....       | 29 "                             | 35,425.87  |
| Bath.....          | 19 "                             | 5,655.15     | Clifford.....       | 27 "                             | 16,579.73  |
| Beachville.....    | 33 "                             | 86,919.03    | Clinton.....        | 31 "                             | 99,314.13  |
| Beamsville.....    | 14 "                             | 21,572.98    | Cobden.....         | 15 "                             | 7,984.12   |
| Beaverton.....     | 31 "                             | 41,237.39    | Cobourg.....        | 19 "                             | 137,483.00 |
| Beeton.....        | 27 "                             | 30,015.03    | Colborne.....       | 18 "                             | 14,078.96  |
| Belle River.....   | 28 "                             | 24,794.43    | Coldwater.....      | 32 "                             | 28,051.83  |
| Belleville.....    | 22 "                             | 444,751.97   | Collingwood.....    | 32 "                             | 286,183.48 |
| Blenheim.....      | 30 "                             | 80,293.45    | Comber.....         | 30 "                             | 35,052.51  |
| Bloomfield.....    | 22 "                             | 14,692.43    | Cookstown.....      | 27 "                             | 11,748.83  |
| Blyth.....         | 27 "                             | 22,029.71    | Cottam.....         | 24 "                             | 10,611.57  |
| Bobcaygeon.....    | 5 "                              | 3,479.39     | Courtright.....     | 27 "                             | 11,765.09  |
| Bolton.....        | 30 "                             | 35,844.39    | Creemore.....       | 31 "                             | 23,984.17  |
| Bothwell.....      | 30 "                             | 32,799.43    | Dashwood.....       | 28 "                             | 18,030.85  |
| Bowmanville.....   | 19 "                             | 173,555.59   | Delaware.....       | 30 "                             | 7,854.52   |
| Bradford.....      | 27 "                             | 39,704.52    | Delhi.....          | 13 "                             | 27,367.86  |
| Braeside.....      | 6 "                              | 3,320.31     | Deseronto.....      | 30 "                             | 19,647.81  |
| Brampton.....      | 34 "                             | 358,546.98   | Dorchester.....     | 31 "                             | 16,005.60  |
| Brantford.....     | 31 "                             | 2,019,026.96 | Drayton.....        | 27 "                             | 26,554.98  |
| Brantford Twp..... | 27 "                             | 102,852.98   | Dresden.....        | 30 "                             | 68,676.05  |

Statement No. 17

## SOUTHERN ONTARIO SYSTEM

## SINKING FUND PAYMENTS BY MUNICIPALITIES

## AND INTEREST ALLOWED THEREON

(including proportionate shares of sinking funds provided out of other revenues of the system)

December 31, 1950

| Municipality       | Period of years to Dec. 31, 1950 | Amount        | Municipality      | Period of years to Dec. 31, 1950 | Amount       |
|--------------------|----------------------------------|---------------|-------------------|----------------------------------|--------------|
|                    |                                  | \$            |                   |                                  | \$           |
| Drumbo.....        | 31 years                         | 14,255.39     | Hastings.....     | 20 years                         | 10,375.20    |
| Dublin.....        | 28 "                             | 11,163.53     | Havelock.....     | 22 "                             | 25,100.66    |
| Dundalk.....       | 30 "                             | 27,264.23     | Hensall.....      | 29 "                             | 35,426.64    |
| Dundas.....        | 34 "                             | 300,145.48    | Hespeler.....     | 34 "                             | 263,464.07   |
| Dunnville.....     | 28 "                             | 139,034.07    | Highgate.....     | 29 "                             | 18,721.75    |
| Durham.....        | 30 "                             | 62,015.79     | Holstein.....     | 29 "                             | 5,369.13     |
| Dutton.....        | 30 "                             | 39,588.68     | Humberstone.....  | 27 "                             | 50,214.37    |
| East York Twp..... | 26 "                             | 724,884.46    | Huntsville.....   | 29 "                             | 131,202.19   |
| Elmira.....        | 32 "                             | 161,725.35    | Ingersoll.....    | 34 "                             | 385,346.00   |
| Elmvale.....       | 32 "                             | 29,288.96     | Iroquois.....     | 11 "                             | 8,343.76     |
| Elmwood.....       | 27 "                             | 9,470.13      | Jarvis.....       | 27 "                             | 31,176.88    |
| Elora.....         | 31 "                             | 74,859.36     | Kemptville.....   | 26 "                             | 45,045.94    |
| Embro.....         | 31 "                             | 23,132.20     | Kincardine.....   | 26 "                             | 94,390.76    |
| Erieau.....        | 27 "                             | 16,922.19     | Kingston.....     | 13 "                             | 492,757.84   |
| Erie Beach.....    | 26 "                             | 3,593.35      | Kingsville.....   | 27 "                             | 88,612.53    |
| Erin.....          | 1 "                              | 280.25        | Kirkfield.....    | 26 "                             | 6,434.72     |
| Essex.....         | 27 "                             | 71,110.18     | Kitchener.....    | 34 "                             | 2,803,346.48 |
| Etobicoke Twp..... | 28 "                             | 644,328.66    | Lakefield.....    | 22 "                             | 32,424.87    |
| Exeter.....        | 29 "                             | 93,590.71     | Lambeth.....      | 30 "                             | 20,598.73    |
| Fergus.....        | 31 "                             | 144,928.07    | Lanark.....       | 26 "                             | 14,038.72    |
| Finch.....         | 23 "                             | 10,667.42     | Lancaster.....    | 26 "                             | 11,961.92    |
| Flesherton.....    | 30 "                             | 13,035.40     | La Salle.....     | 25 "                             | 33,619.93    |
| Fonthill.....      | 25 "                             | 16,919.80     | Leamington.....   | 27 "                             | 208,682.28   |
| Forest.....        | 28 "                             | 75,581.84     | Lindsay.....      | 22 "                             | 250,927.23   |
| Forest Hill.....   | 27 "                             | 461,927.01    | Listowel.....     | 29 "                             | 172,392.31   |
| Frankford.....     | 2 "                              | 851.90        | London.....       | 34 "                             | 4,944,651.26 |
| Galt.....          | 34 "                             | 1,174,408.92  | London Twp.....   | 26 "                             | 50,300.62    |
| Georgetown.....    | 32 "                             | 229,327.88    | Long Branch.....  | 20 "                             | 88,606.49    |
| Glencoe.....       | 27 "                             | 42,163.31     | Lucan.....        | 30 "                             | 36,172.80    |
| Goderich.....      | 31 "                             | 257,014.68    | Lucknow.....      | 26 "                             | 44,921.08    |
| Grand Valley.....  | 29 "                             | 25,094.68     | Lynden.....       | 30 "                             | 24,579.17    |
| Granton.....       | 29 "                             | 15,535.52     | Madoc.....        | 21 "                             | 20,788.28    |
| Gravenhurst.....   | 30 "                             | 78,025.89     | Markdale.....     | 29 "                             | 22,026.04    |
| Grimsby.....       | 9 "                              | 24,559.13     | Markham.....      | 27 "                             | 43,073.70    |
| Guelph.....        | 34 "                             | 1,376,084.81  | Marmora.....      | 22 "                             | 13,509.98    |
| Hagersville.....   | 32 "                             | 151,939.90    | Martintown.....   | 26 "                             | 4,616.47     |
| Hamilton.....      | 34 "                             | 11,488,697.02 | Maxville.....     | 26 "                             | 19,391.32    |
| Hanover.....       | 29 "                             | 168,078.28    | Meaford.....      | 26 "                             | 72,567.18    |
| Harriston.....     | 29 "                             | 72,364.31     | Merlin.....       | 27 "                             | 22,141.86    |
| Harrow.....        | 27 "                             | 61,681.43     | Merrickville..... | 1 "                              | 295.62       |

Statement No. 17

## SOUTHERN ONTARIO SYSTEM

SINKING FUND PAYMENTS BY MUNICIPALITIES  
AND INTEREST ALLOWED THEREON

(including proportionate shares of sinking funds provided out of other revenues of the system)

December 31, 1950

| Municipality       | Period of<br>years to<br>Dec. 31,<br>1950 | Amount       | Municipality         | Period of<br>years to<br>Dec. 31,<br>1950 | Amount       |
|--------------------|---|--------------|----------------------|---|--------------|
|                    |   | \$           |                      |   | \$           |
| Merritton.....     | 29 years                                  | 480,182.61   | Penetanguishene....  | 34 years                                  | 128,978.27   |
| Midland.....       | 32 "                                      | 445,440.41   | Perth.....           | 26 "                                      | 153,892.51   |
| Mildmay.....       | 18 "                                      | 10,453.99    | Peterborough.....    | 22 "                                      | 845,723.11   |
| Millbrook.....     | 12 "                                      | 5,091.47     | Petrolia.....        | 29 "                                      | 196,665.10   |
| Milton.....        | 32 "                                      | 201,731.33   | Picton.....          | 22 "                                      | 125,553.99   |
| Milverton.....     | 29 "                                      | 80,947.97    | Plattsville.....     | 31 "                                      | 20,682.03    |
| Mimico.....        | 33 "                                      | 298,400.83   | Point Edward.....    | 28 "                                      | 151,080.07   |
| Mitchell.....      | 34 "                                      | 94,752.39    | Port Colborne.....   | 29 "                                      | 207,247.95   |
| Moorefield.....    | 27 "                                      | 12,872.34    | Port Credit.....     | 33 "                                      | 92,569.45    |
| Morrisburg.....    | 13 "                                      | 12,806.24    | Port Dalhousie.....  | 29 "                                      | 82,937.10    |
| Mount Brydges..... | 30 "                                      | 15,599.59    | Port Dover.....      | 27 "                                      | 59,508.45    |
| Mount Forest.....  | 30 "                                      | 71,809.04    | Port Elgin.....      | 20 "                                      | 37,425.31    |
| Napanee.....       | 21 "                                      | 102,097.04   | Port Hope.....       | 21 "                                      | 163,891.49   |
| Neustadt.....      | 27 "                                      | 11,792.68    | Port McNicoll.....   | 31 "                                      | 12,893.50    |
| Newboro.....       | 2 "                                       | 320.34       | Port Perry.....      | 26 "                                      | 39,268.68    |
| Newburgh.....      | 2 "                                       | 377.91       | Port Rowan.....      | 24 "                                      | 15,376.78    |
| Newbury.....       | 27 "                                      | 8,814.10     | Port Stanley.....    | 33 "                                      | 87,600.10    |
| Newcastle.....     | 14 "                                      | 9,738.23     | Prescott.....        | 31 "                                      | 110,435.06   |
| New Hamburg.....   | 34 "                                      | 98,413.02    | Preston.....         | 34 "                                      | 513,771.66   |
| Newmarket.....     | 6 "                                       | 35,444.39    | Priceville.....      | 26 "                                      | 1,992.53     |
| New Toronto.....   | 31 "                                      | 1,018,384.22 | Princeton.....       | 31 "                                      | 20,424.22    |
| Niagara.....       | 27 "                                      | 70,186.85    | Queenston.....       | 27 "                                      | 14,123.19    |
| Niagara Falls..... | 30 "                                      | 1,102,901.56 | Renfrew.....         | 6 "                                       | 13,632.48    |
| North York Twp.... | 27 "                                      | 601,157.65   | Richmond.....        | 23 "                                      | 8,167.32     |
| Norwich.....       | 33 "                                      | 71,744.89    | Richmond Hill.....   | 26 "                                      | 48,298.08    |
| Norwood.....       | 22 "                                      | 14,479.28    | Ridgetown.....       | 30 "                                      | 85,643.74    |
| Oakville.....      | 2 "                                       | 16,964.38    | Ripley.....          | 26 "                                      | 17,171.79    |
| Oil Springs.....   | 27 "                                      | 45,088.32    | Riverside.....       | 28 "                                      | 173,588.80   |
| Omeme.....         | 11 "                                      | 6,955.15     | Rockwood.....        | 32 "                                      | 22,480.53    |
| Orangeville.....   | 29 "                                      | 97,188.45    | Rodney.....          | 28 "                                      | 27,664.73    |
| Orono.....         | 12 "                                      | 4,643.50     | Rosseau.....         | 20 "                                      | 8,384.60     |
| Oshawa.....        | 22 "                                      | 1,309,480.99 | Russell.....         | 25 "                                      | 12,090.90    |
| Ottawa.....        | 35 "                                      | 810,495.05   | St. Catharines.....  | 29 "                                      | 1,577,787.77 |
| Otterville.....    | 29 "                                      | 18,353.49    | St. Clair Beach..... | 28 "                                      | 14,415.16    |
| Owen Sound.....    | 30 "                                      | 505,755.88   | St. George.....      | 30 "                                      | 27,990.69    |
| Paisley.....       | 26 "                                      | 22,932.85    | St. Jacobs.....      | 28 "                                      | 35,162.67    |
| Palmerston.....    | 29 "                                      | 88,279.07    | St. Marys.....       | 34 "                                      | 259,804.56   |
| Paris.....         | 31 "                                      | 228,328.99   | St. Thomas.....      | 34 "                                      | 992,145.64   |
| Parkhill.....      | 27 "                                      | 40,369.34    | Sarnia.....          | 29 "                                      | 1,289,228.06 |
| Parry Sound.....   | 3 "                                       | 3,885.90     | Scarborough Twp....  | 27 "                                      | 476,951.91   |



Statement No. 17

## SOUTHERN ONTARIO SYSTEM

SINKING FUND PAYMENTS BY MUNICIPALITIES  
AND INTEREST ALLOWED THEREON

(including proportionate shares of sinking funds provided out of other revenues of the system)

December 31, 1950

| Municipality      | Period of years to Dec. 31, 1950 | Amount        | Municipality                    | Period of years to Dec. 31, 1950 | Amount           |
|-------------------|----------------------------------|---------------|---------------------------------|----------------------------------|------------------|
|                   |                                  | \$            |                                 |                                  | \$               |
| Seaforth.....     | 34 years                         | 123,970.50    | Trenton.....                    | 19 years                         | 240,443.58       |
| Shelburne.....    | 29 "                             | 39,309.01     | Tweed.....                      | 20 "                             | 26,877.24        |
| Simcoe.....       | 30 "                             | 245,458.69    | Uxbridge.....                   | 26 "                             | 43,542.31        |
| Smiths Falls..... | 27 "                             | 231,972.86    | Victoria Harbor.....            | 31 "                             | 13,049.26        |
| Smithville.....   | 10 "                             | 8,957.97      | Walkerton.....                  | 20 "                             | 58,522.19        |
| Southampton.....  | 20 "                             | 35,960.57     | Wallaceburg.....                | 30 "                             | 439,470.90       |
| Springfield.....  | 28 "                             | 17,384.44     | Wardsville.....                 | 27 "                             | 8,026.65         |
| Stamford Twp..... | 29 "                             | 218,232.65    | Warkworth.....                  | 22 "                             | 8,880.83         |
| Stayner.....      | 32 "                             | 35,241.34     | Waterdown.....                  | 34 "                             | 43,131.50        |
| Stirling.....     | 21 "                             | 21,685.93     | Waterford.....                  | 30 "                             | 64,000.81        |
| Stoney Creek..... | 4 "                              | 5,514.66      | Waterloo.....                   | 34 "                             | 571,152.77       |
| Stouffville.....  | 27 "                             | 39,383.81     | Watford.....                    | 28 "                             | 52,264.19        |
| Stratford.....    | 34 "                             | 1,141,474.08  | Waubauskene.....                | 31 "                             | 10,515.48        |
| Strathroy.....    | 31 "                             | 183,483.80    | Welland.....                    | 28 "                             | 709,810.00       |
| Streetsville..... | 16 "                             | 14,920.73     | Wellesley.....                  | 29 "                             | 30,001.90        |
| Sunderland.....   | 31 "                             | 20,114.64     | Wellington.....                 | 22 "                             | 23,809.76        |
| Sutton.....       | 27 "                             | 39,236.60     | West Lorne.....                 | 29 "                             | 51,085.75        |
| Swansea.....      | 25 "                             | 208,409.73    | Weston.....                     | 34 "                             | 496,710.67       |
| Tara.....         | 27 "                             | 17,797.59     | Westport.....                   | 19 "                             | 13,037.02        |
| Tavistock.....    | 29 "                             | 91,225.36     | Wheatley.....                   | 27 "                             | 31,649.37        |
| Tecumseh.....     | 28 "                             | 57,092.78     | Whitby.....                     | 22 "                             | 120,117.53       |
| Teeswater.....    | 26 "                             | 25,844.89     | Wiarton.....                    | 20 "                             | 37,374.20        |
| Thamesford.....   | 31 "                             | 34,885.87     | Williamsburg.....               | 30 "                             | 12,425.62        |
| Thamesville.....  | 30 "                             | 35,192.11     | Winchester.....                 | 31 "                             | 42,228.34        |
| Thedford.....     | 27 "                             | 20,810.21     | Windermere.....                 | 21 "                             | 6,155.54         |
| Thornbury.....    | 6 "                              | 2,855.75      | Windsor.....                    | 31 "                             | 6,205,182.25     |
| Thorndale.....    | 31 "                             | 17,059.33     | Wingham.....                    | 26 "                             | 86,101.12        |
| Thornton.....     | 27 "                             | 6,853.23      | Woodbridge.....                 | 31 "                             | 72,977.33        |
| Thorold.....      | 28 "                             | 226,756.46    | Woodstock.....                  | 34 "                             | 851,043.91       |
| Tilbury.....      | 30 "                             | 109,771.63    | Woodville.....                  | 31 "                             | 18,652.15        |
| Tillsonburg.....  | 34 "                             | 185,492.38    | Wyoming.....                    | 29 "                             | 17,282.67        |
| Toronto.....      | 34 "                             | 38,253,711.66 | York Twp.....                   | 30 "                             | 1,671,652.73     |
| Toronto Twp.....  | 32 "                             | 297,969.08    | Zurich.....                     | 28 "                             | 26,553.44        |
| Tottenham.....    | 27 "                             | 21,939.65     |                                 |                                  |                  |
| Trafalgar.....    | 14 "                             | 32,511.17     |                                 |                                  |                  |
|                   |                                  |               | Total—Municipalities.....       |                                  | \$106,978,418.26 |
|                   |                                  |               | Total—Rural Power District..... |                                  | 12,718,245.78    |
|                   |                                  |               | Grand Total.....                |                                  | \$119,696,664.04 |

## THUNDER BAY SYSTEM

## SINKING FUND PAYMENTS BY MUNICIPALITIES

## AND INTEREST ALLOWED THEREON

(including proportionate shares of sinking funds provided out of other revenues of the system)

December 31, 1950

| Municipality                    | Period of years to<br>December 31, 1950 | Amount       |
|---------------------------------|---|--------------|
|                                 |   | \$           |
| Fort William.....               | 24 years                                | 2,171,444.07 |
| Nipigon Twp.....                | 24 "                                    | 32,748.52    |
| Port Arthur.....                | 24 "                                    | 4,770,960.37 |
| Red Rock.....                   | 3 "                                     | 7,588.15     |
| Schreiber.....                  | 2 "                                     | 6,132.49     |
| Terrace Bay.....                | 3 "                                     | 15,244.84    |
| Total—Municipalities.....       |   | 7,004,118.44 |
| Total—Rural Power District..... |   | 135,005.76   |
| Total—Mining Area.....          |   | 12,992.33    |
| Grand total.....                |   | 7,152,116.53 |

## NORTHERN ONTARIO PROPERTIES

Statement No. 19

Held and operated by The Hydro-Electric Power Commission of Ontario  
in trust for the Province of Ontario

## FIXED ASSETS—Summary, December 31, 1950

| Property   | Under<br>construction | In service          |               | Total            |
|--|-----------------------|---------------------|---------------|------------------|
|  |                       | Non-<br>depreciable | Depreciable   |                  |
|  | \$                    | \$                  | \$            | \$               |
| Abitibi District.....  | 156,224.65            | 6,360,548.86        | 23,884,673.96 | 30,401,447.47    |
| Timiskaming District.....  | 595,932.26            | 1,295,332.10        | 15,959,097.45 | 17,850,361.81    |
| Sudbury District.....  | 580,037.29            | 4,106,213.62        | 29,455,030.91 | 34,141,281.82    |
| Nipissing District.....  | 89,415.32             | 214,225.80          | 1,639,895.74  | 1,943,536.86     |
| Patricia District.....   | 1,995,163.84          | 39,864.19           | 7,922,984.63  | 9,958,012.66     |
| Rainy River District.....  | 186,892.43            | 353,766.27          | 1,835,367.25  | 2,376,025.95     |
| Communications.....  | 107,010.72            |                     | 1,378,928.89  | 1,485,939.61     |
| Office and Service Equipment.....  |                       |                     | 182,049.19    | 182,049.19       |
|  | 3,710,676.51          | 12,369,950.84       | 82,258,028.02 | 98,338,655.37    |
| Rural Power District.....  | 998,486.76            | 47,696.60           | 8,995,510.07  | 10,041,693.43    |
|  | 4,709,163.27          | 12,417,647.44       | 91,253,538.09 | 108,380,348.80   |
| Less grants in aid of construction—Province of Ontario for Rural Power District. |                       |                     |               | 4,725,546.86     |
|  |                       |                     |               | \$103,654,801.94 |

## NORTHERN ONTARIO PROPERTIES

Statement No. 19A

Held and operated by The Hydro-Electric Power Commission of Ontario

in trust for the Province of Ontario

FIXED ASSETS—December 31, 1950

| Property                          | Under construction | In service      |               | Total         |
|-----------------------------------|--------------------|-----------------|---------------|---------------|
|                                   |                    | Non-depreciable | Depreciable   |               |
| <b>ABITIBI DISTRICT:</b>          | \$                 | \$              | \$            | \$            |
| Generating Stations:              |                    |                 |               |               |
| Abitibi River:                    |                    |                 |               |               |
| Abitibi Canyon.....               | 17,200.81          | 5,530,862.63    | 13,525,250.14 | 19,073,313.58 |
| Frederick House Dam.....          | 15,894.67          | 141,588.49      | 753,772.49    | 911,255.65    |
| Desserat Lake Diversion.....      |                    | 4,220.89        | 34,471.80     | 38,692.69     |
| Watabeag Lake Dam.....            |                    | 6,983.63        | 64,565.68     | 71,549.31     |
| Coral and Otter Rapids.....       | 5,183.65           |                 |               | 5,183.65      |
|                                   | 38,279.13          | 5,683,655.64    | 14,378,060.11 | 20,099,994.88 |
| Transformer Stations.....         | 106,838.20         |                 | 3,223,471.46  | 3,330,309.66  |
| Transmission Lines.....           | 11,107.32          | 676,893.22      | 6,157,037.47  | 6,845,038.01  |
| Local Systems.....                |                    |                 | 126,104.92    | 126,104.92    |
|                                   | 156,224.65         | 6,360,548.86    | 23,884,673.96 | 30,401,447.47 |
| <b>TIMISKAMING DISTRICT:</b>      |                    |                 |               |               |
| Generating Stations:              |                    |                 |               |               |
| Matabitchuan River:               |                    |                 |               |               |
| Matabitchuan.....                 | 25,988.95          | 3,240.00        | 703,685.04    | 732,913.99    |
| Storage dams.....                 | 14,234.40          |                 | 134,545.12    | 148,779.52    |
| Montreal River:                   |                    |                 |               |               |
| Upper Notch.....                  | 5,761.72           | 6,534.35        | 2,294,657.80  | 2,306,953.87  |
| Fountain Falls.....               | 42,304.51          |                 | 393,761.00    | 436,065.51    |
| Ragged Chute.....                 |                    |                 | 959,172.00    | 959,172.00    |
| Hound Chute.....                  | 8,729.06           | 3,240.00        | 613,444.00    | 625,413.06    |
| Indian Chute.....                 | 51,648.61          |                 | 442,267.54    | 493,916.15    |
| Storage dams.....                 | 1,782.75           |                 | 177,220.02    | 179,002.77    |
| Mattagami River:                  |                    |                 |               |               |
| Sandy Falls.....                  | 1,141.20           |                 | 850,329.53    | 851,470.73    |
| Wawaitin.....                     | 5,789.45           |                 | 1,369,602.24  | 1,375,391.69  |
| Lower Sturgeon.....               | 16,593.83          | 53,250.00       | 779,363.56    | 849,207.39    |
| Storage dams.....                 | 42,241.98          | 1,944.00        | 217,441.20    | 261,627.18    |
| Intangible.....                   |                    | 991,913.26      |               | 991,913.26    |
|                                   | 216,216.46         | 1,060,121.61    | 8,935,489.05  | 10,211,827.12 |
| Transformer Stations.....         | 167,498.85         |                 | 1,946,866.63  | 2,114,365.48  |
| Transmission Lines.....           | 166,894.88         | 224,760.49      | 3,319,964.98  | 3,711,620.35  |
| Office and Service Buildings..... | 1,028.37           | 10,450.00       | 196,866.34    | 208,344.71    |
| Local Systems.....                | 44,293.70          |                 | 1,559,910.45  | 1,604,204.15  |
|                                   | 595,932.26         | 1,295,332.10    | 15,959,097.45 | 17,850,361.81 |



## NORTHERN ONTARIO PROPERTIES

Statement No. 19A

Held and operated by The Hydro-Electric Power Commission of Ontario  
in trust for the Province of Ontario

## FIXED ASSETS—December 31, 1950

| Property                            | Under construction | In service      |               | Total         |
|-------------------------------------|--------------------|-----------------|---------------|---------------|
|                                     |                    | Non-depreciable | Depreciable   |               |
|                                     | \$                 | \$              | \$            | \$            |
| <b>SUDBURY DISTRICT:</b>            |                    |                 |               |               |
| Generating Stations:                |                    |                 |               |               |
| Wanapitei River:                    |                    |                 |               |               |
| Coniston.....                       | 1,752.20           | 13,597.20       | 771,510.14    | 786,859.54    |
| McVittie.....                       | 2,424.55           | 13,323.00       | 393,696.61    | 409,444.16    |
| Stinson.....                        |                    | 33,000.00       | 666,741.01    | 699,741.01    |
| Storage dam.....                    |                    | 25.00           | 194,870.00    | 194,895.00    |
| Intangible.....                     |                    | 830,514.53      |               | 830,514.53    |
| Sturgeon River:                     |                    |                 |               |               |
| Crystal Falls and Storage dams..... |                    | 44,531.27       | 1,244,748.05  | 1,289,279.32  |
| Mississagi River:                   |                    |                 |               |               |
| George W. Rayner.....               |                    | 1,740,000.00    | 16,174,095.72 | 17,914,095.72 |
| Rocky Island Storage Dam.....       |                    | 1,000,000.00    | 2,152,490.61  | 3,152,490.61  |
| Aubrey Falls.....                   | 43,893.66          |                 |               | 43,893.66     |
|                                     | 48,070.41          | 3,674,991.00    | 21,598,152.14 | 25,321,213.55 |
| Transformer Stations.....           | 470,029.22         |                 | 4,058,720.77  | 4,528,749.99  |
| Transmission Lines.....             | 61,937.66          | 431,222.62      | 3,798,158.00  | 4,291,318.28  |
|                                     | 580,037.29         | 4,106,213.62    | 29,455,030.91 | 34,141,281.82 |
| <b>NIPISSING DISTRICT:</b>          |                    |                 |               |               |
| Generating Stations:                |                    |                 |               |               |
| South River:                        |                    |                 |               |               |
| Nipissing.....                      |                    | 12,089.60       | 242,280.91    | 254,370.51    |
| Bingham Chute.....                  | 4,593.90           | 12,105.05       | 271,976.55    | 288,675.50    |
| Elliot Chute.....                   |                    | 119,307.09      | 334,834.33    | 454,141.42    |
| Storage dams.....                   |                    |                 | 76,122.70     | 76,122.70     |
| Intangible.....                     |                    | 69,478.34       |               | 69,478.34     |
|                                     | 4,593.90           | 212,980.08      | 925,214.49    | 1,142,788.47  |
| Transformer Stations.....           | 33,391.31          |                 | 410,277.32    | 443,668.63    |
| Transmission Lines.....             | 18,262.04          |                 | 278,537.84    | 296,799.88    |
| Local Systems.....                  | 33,168.07          | 1,245.72        | 25,866.09     | 60,279.88     |
|                                     | 89,415.32          | 214,225.80      | 1,639,895.74  | 1,943,536.86  |
| <b>PATRICIA DISTRICT:</b>           |                    |                 |               |               |
| Generating Stations:                |                    |                 |               |               |
| English River:                      |                    |                 |               |               |
| Ear Falls.....                      | 107,575.05         | 566.75          | 3,679,664.86  | 3,787,806.66  |
| Manitou Falls.....                  | 28,214.04          |                 |               | 28,214.04     |
| Albany River:                       |                    |                 |               |               |
| Rat Rapids.....                     | 211,847.07         | 39,297.44       | 571,098.96    | 822,243.47    |
|                                     | 347,636.16         | 39,864.19       | 4,250,763.82  | 4,638,264.17  |
| Transformer Stations.....           | 57,309.50          |                 | 288,456.12    | 345,765.62    |
| Transmission Lines.....             | 1,580,833.04       |                 | 3,310,646.41  | 4,891,479.45  |
| Local Systems.....                  | 9,385.14           |                 | 73,118.28     | 82,503.42     |
|                                     | 1,995,163.84       | 39,864.19       | 7,922,984.63  | 9,958,012.66  |

## NORTHERN ONTARIO PROPERTIES

Statement No. 19A

Held and operated by The Hydro-Electric Power Commission of Ontario  
in trust for the Province of Ontario

## FIXED ASSETS—December 31, 1950

| Property  | Under construction | In service      |              | Total         |
|---|--------------------|-----------------|--------------|---------------|
|   |                    | Non-depreciable | Depreciable  |               |
| RAINY RIVER DISTRICT:   | \$                 | \$              | \$           | \$            |
| Transformer Stations.....                                       | 159,129.34         |                 | 846,973.24   | 1,006,102.58  |
| Transmission Lines.....   | 13,014.15          | 349,679.95      | 912,590.94   | 1,275,285.04  |
| Local Systems.....  | 14,748.94          |                 | 75,803.07    | 90,552.01     |
| Intangible.....   |                    | 4,086.32        |              | 4,086.32      |
|   | 186,892.43         | 353,766.27      | 1,835,367.25 | 2,376,025.95  |
| NORTHERN ONTARIO PROPERTIES<br>Communications.....              | 107,010.72         |                 | 1,378,928.89 | 1,485,939.61  |
| NORTHERN ONTARIO PROPERTIES<br>Office and Service Equipment.... |                    |                 | 182,049.19   | 182,049.19    |
| NORTHERN ONTARIO PROPERTIES<br>RURAL POWER DISTRICT:            |                    |                 |              |               |
| Distribution System:  |                    |                 |              |               |
| H-E.P.C. investment.....  | 473,041.98         | 4,299.62        | 4,360,339.03 | 4,837,680.63  |
| Government grants.....  | 466,937.58         |                 | 4,258,609.28 | 4,725,546.86  |
| Generating Station (Manitoulin).                                | 1,716.51           | 43,396.98       | 193,444.91   | 238,558.40    |
| Transformer Stns. (Manitoulin).                                 | 31,714.64          |                 | 18,000.00    | 49,714.64     |
| Transmission Lines (Manitoulin)                                 | 25,076.05          |                 | 165,116.85   | 190,192.90    |
|   | 998,486.76         | 47,696.60       | 8,995,510.07 | 10,041,693.43 |

NORTHERN ONTARIO  
CHANGES IN FIXED ASSETS—

| Class of asset  | Balance at<br>beginning<br>of period | Expenditure<br>during<br>period |
|---|--------------------------------------|---------------------------------|
| GENERATING STATIONS:  | \$                                   | \$                              |
| Abitibi District.....   | 20,021,977.10                        | 79,530.35                       |
| Timiskaming District.....   | 9,491,676.45                         | 1,035,020.62                    |
| Sudbury District.....   | 19,375,366.19                        | 5,946,077.36                    |
| Nipissing District.....   | 1,129,669.98                         | 14,194.49                       |
| Patricia District.....  | 4,286,746.00                         | 362,918.17                      |
| Rainy River District.....   | 4,086.32                             | .....                           |
|   | 54,309,522.04                        | 7,437,740.99                    |
| TRANSFORMER STATIONS:   |                                      |                                 |
| Abitibi District.....   | 3,212,712.28                         | 139,012.70                      |
| Timiskaming District.....   | 1,865,363.53                         | 210,624.95                      |
| Sudbury District.....   | 3,981,302.86                         | 553,513.13                      |
| Nipissing District.....   | 88,108.79                            | 353,715.84                      |
| Patricia District.....  | 253,839.91                           | 96,212.90                       |
| Rainy River District.....   | 216,373.53                           | 789,729.05                      |
|   | 9,617,700.90                         | 2,142,808.57                    |
| TRANSMISSION LINES:   |                                      |                                 |
| Abitibi District.....   | 6,856,644.89                         | 102,780.92                      |
| Timiskaming District.....   | 3,441,811.42                         | 211,385.17                      |
| Sudbury District.....   | 2,966,064.78                         | 1,325,502.66                    |
| Nipissing District.....   | 271,286.03                           | 33,878.90                       |
| Patricia District.....  | 3,587,445.15                         | 1,362,472.89                    |
| Rainy River District.....   | 1,264,929.97                         | 10,355.07                       |
|   | 18,388,182.24                        | 3,046,375.61                    |
| LOCAL SYSTEMS:  |                                      |                                 |
| Abitibi District.....   | 126,724.64                           | 8,018.04                        |
| Timiskaming District.....   | 1,585,534.99                         | 112,239.14                      |
| Nipissing District.....   | 26,632.89                            | 33,646.99                       |
| Patricia District.....  | 74,120.95                            | 8,778.47                        |
| Rainy River District.....   | 58,149.31                            | 32,402.70                       |
|   | 1,871,162.78                         | 195,085.34                      |
| COMMUNICATIONS.....   | 994,816.30                           | 414,157.15                      |
| OFFICE AND SERVICE BUILDINGS:   |                                      |                                 |
| Timiskaming District.....   | 196,147.01                           | 13,183.70                       |
| OFFICE AND SERVICE EQUIPMENT.....   | †75,181.63                           | 106,867.56                      |
| RURAL POWER DISTRICT:   |                                      |                                 |
| H-E.P.C. investment.....  | 2,840,229.03                         | 1,990,504.50                    |
| Government grants.....  | 2,754,053.87                         | 1,964,545.89                    |
| Power Development (Manitoulin).....   | 225,985.67                           | 12,572.73                       |
| Transformer Stations (Manitoulin).....  | 18,664.25                            | 28,284.39                       |
| Transmission Lines (Manitoulin).....  | 132,066.45                           | 58,126.45                       |
|   | 5,970,999.27                         | 4,054,033.96                    |
|   | 91,423,712.17                        | 17,410,252.88                   |
| Less grants in aid of construction—<br>Province of Ontario for Rural Power District | 2,754,053.87                         | 1,971,492.99                    |
|   | 88,669,658.30                        | 15,438,759.89                   |

†Classified as inventory in prior years.



## PROPERTIES

Statement No. 20

For the 14-Month Period Ended December 31, 1950

| Adjustment<br>for equipment<br>relocated | Retirements   |  | Balance at<br>end of period |
|--|---|--|-----------------------------|
|  | Values<br>recovered<br>(stores, sales<br>and salvage) | Charged to<br>reserve for<br>depreciation and<br>contingencies |                             |
| \$                                       | \$  | \$   | \$                          |
| 1,492.57                                 | .....   | 20.00  | 20,099,994.88               |
| 88,348.99                                | 7,212.44  | 219,308.52   | 10,211,827.12               |
| .....                                    | .....   | 230.00   | 25,321,213.55               |
| .....                                    | 9.06  | 1,066.94   | 1,142,788.47                |
| 11,400.00                                | .....   | .....  | 4,638,264.17                |
| .....                                    | .....   | .....  | 4,086.32                    |
| 101,241.56                               | 7,221.50  | 220,625.46   | 61,418,174.51               |
| 55.00                                    | 565.00  | *15,329.15   | 3,335,775.83                |
| 63,006.00                                | 296.19  | 24,332.81  | 2,114,365.48                |
| 2,766.00                                 | 2,826.00  | 474.00   | 4,528,749.99                |
| 7,524.00                                 | .....   | 5,680.00   | 443,668.63                  |
| .....                                    | 143.95  | 4,143.24   | 345,765.62                  |
| .....                                    | .....   | .....  | 1,006,102.58                |
| 67,709.00                                | 3,831.14  | 49,959.20  | 11,774,428.13               |
| 99,753.54                                | .....   | 14,634.26  | 6,845,038.01                |
| 80,869.76                                | 301.00  | 22,145.00  | 3,711,620.35                |
| .....                                    | .....   | 249.16   | 4,291,318.28                |
| 2,107.00                                 | .....   | 6,258.05   | 296,799.88                  |
| 40,574.16                                | .....   | 17,864.43  | 4,891,479.45                |
| .....                                    | .....   | .....  | 1,275,285.04                |
| 61,564.94                                | 301.00  | 61,150.90  | 21,311,541.01               |
| 11,447.01                                | 806.59  | 1,850.33   | 120,638.75                  |
| 56,008.00                                | 21,257.31   | 16,304.67  | 1,604,204.15                |
| .....                                    | .....   | .....  | 60,279.88                   |
| .....                                    | .....   | 396.00   | 82,503.42                   |
| .....                                    | .....   | .....  | 90,552.01                   |
| 67,455.01                                | 22,063.90   | 18,551.00  | 1,958,178.21                |
| 80,619.16                                | .....   | 3,653.00   | 1,485,939.61                |
| 986.00                                   | .....   | .....  | 208,344.71                  |
| .....                                    | .....   | .....  | 182,049.19                  |
| 40,076.68                                | 32,955.72   | 173.86   | 4,837,680.63                |
| 40,076.67                                | 32,955.71   | 173.86   | 4,725,546.86                |
| .....                                    | .....   | .....  | 238,558.40                  |
| 2,766.00                                 | .....   | .....  | 49,714.64                   |
| .....                                    | .....   | .....  | 190,192.90                  |
| 82,919.35                                | 65,911.43   | 347.72   | 10,041,693.43               |
| .....                                    | 99,328.97   | 354,287.28   | 108,380,348.80              |
| .....                                    | .....   | .....  | 4,725,546.86                |
| .....                                    | 99,328.97   | 354,287.28   | 103,654,801.94              |

\*Portion charged  
to Operations

Depreciation.....\$ 36,207.45  
 Contingencies..... 317,909.14  
 Operations..... 170.69

## Statement No. 21

## NORTHERN ONTARIO PROPERTIES

Held and operated by The Hydro-Electric Power Commission of Ontario  
in trust for the Province of Ontario

## DEPRECIATION RESERVE—December 31, 1950

|  |    |                     |
|--|----|---------------------|
| Balance at November 1, 1949.....   | \$ | 7,687,885.64        |
| Add:   |    |                     |
| Interest at 4% per annum on reserve balance.....   | \$ | 359,161.04          |
| Provision in the 14-month period.....  |    | 1,149,455.72        |
| Adjustment in respect of equipment transferred.....  |    | 10,778.92           |
|  |    | <u>1,519,395.68</u> |
|  | \$ | 9,207,281.32        |
| Deduct:  |    |                     |
| Amounts withdrawn for renewals.....  | \$ | 9,329.14            |
| Amounts withdrawn in respect of assets removed from service.....                                       |    | 36,207.45           |
| Excess reserve accumulated against assets removed from service—transferred to contingency reserve..... |    | 6,203.33            |
|  |    | <u>51,739.92</u>    |
| Balance at December 31, 1950.....  | \$ | <u>9,155,541.40</u> |

## Statement No. 22

## CONTINGENCIES AND OBSOLESCENCE RESERVE—December 31, 1950

|  |    |                     |
|--|----|---------------------|
| Balance at November 1, 1949.....   | \$ | 2,721,555.79        |
| Add:   |    |                     |
| Interest at 4% per annum on reserve balance.....   | \$ | 126,949.83          |
| Provision in the 14-month period.....  |    | 612,108.78          |
| Excess depreciation reserve accumulated against assets removed from service—transferred from depreciation reserve..... |    | 6,203.33            |
| Adjustments arising from the transfer of equipment.....  |    | 533.09              |
| Transfer from fire insurance reserve no longer carried.....  |    | 220,945.04          |
|  |    | <u>966,740.07</u>   |
|  | \$ | 3,688,295.86        |
| Deduct:  |    |                     |
| Contingencies met with during the 14-month period.....   | \$ | 75,016.47           |
| Excess of cost of fixed assets retired over accumulated depreciation reserve.....                                      |    | 317,909.14          |
|  |    | <u>392,925.61</u>   |
| Balance at December 31, 1950.....  | \$ | <u>3,295,370.25</u> |

## Statement No. 23

## SINKING FUND RESERVE—December 31, 1950

|  |    |                      |
|--|----|----------------------|
| Balance at November 1, 1949.....                 | \$ | 21,492,046.55        |
| Add:   |    |                      |
| Interest at 4% per annum on reserve balance..... | \$ | 941,187.90           |
| Provision in the 14-month*period.....            |    | 978,814.74           |
|  |    | <u>1,920,002.64</u>  |
| Balance at December 31, 1950.....                | \$ | <u>23,412,049.19</u> |

## APPENDIX III

### RATES TO CUSTOMERS IN RURAL POWER DISTRICTS—1950

- A.—Uniform Rate Structure applicable to Farm Service, Hamlet Service, Commercial Service, and Summer Service.
- B.—Industrial Power Service—Rates to Customers served through Facilities of Rural Operating Areas.

#### UNIFORM RURAL RATE STRUCTURE

The uniform rural rate structure in use for the sale of energy since May 1, 1950, incorporated a three-step energy charge, as follows:

1. A first block or number of kilowatt-hours of the consumption in the billing period which is charged for at 4.4 cents gross per kilowatt-hour.
2. A second block or number of kilowatt-hours of the consumption in the billing period which is charged for at 2.1 cents gross per kilowatt-hour.
3. All remaining kilowatt-hours of the consumption in the billing period which is charged for at 1.1 cents gross per kilowatt-hour.

Under these rate schedules, rural service is available in four main classes. All rural contracts for service carry a letter indicating the classification of the contract, followed by a number indicating the kilowatt demand rating or the demand permissible under the contract. These classes and designations are: farm service, F; hamlet service, H; commercial service, C; and summer service, S.

In the case of summer service the rates are on an annual basis and consist of an annual service charge instead of a minimum bill plus a consumption charge at the above rates.

The following are the rate schedules which were in force on May 1, 1950 for the main classes of service with various demand ratings:



## RATE SCHEDULES FOR RURAL SERVICE

## FARM SERVICE

Minimum demand rating for billing purposes—3 kilowatts

| Farm rating | Demand in kw | kwh per month at 4.4 cents per kwh | kwh per month at 2.1 cents per kwh | kwh per month at 1.1 cents per kwh | Min bill per month gross |
|-------------|--------------|------------------------------------|------------------------------------|------------------------------------|--------------------------|
| F3          | 3            | 60                                 | 180                                | Balance                            | \$ 2.25                  |
| F4          | 4            | 80                                 | 240                                | "                                  | 3.00                     |
| F5          | 5            | 100                                | 300                                | "                                  | 3.75                     |
| F6          | 6            | 120                                | 360                                | "                                  | 4.50                     |
| F7          | 7            | 140                                | 420                                | "                                  | 5.25                     |
| F8          | 8            | 160                                | 480                                | "                                  | 6.00                     |
| F9          | 9            | 180                                | 540                                | "                                  | 6.75                     |
| F10         | 10           | 200                                | 600                                | "                                  | 7.50                     |

NOTE: Farm classes above F3 are computed by adding, for each month, 20 kwh to the number of kwh at the first rate, and 60 kwh to the number of kwh at the second rate, for each increase of 1 kw in demand.

For the minimum gross bill add 75 cents for each increase of 1 kw in demand.

Prompt payment discount 10 per cent.

## HAMLET SERVICE

Minimum demand rating for billing purposes—2 kilowatts

| Hamlet rating | Demand in kw | kwh per month at 4.4 cents per kwh | kwh per month at 2.1 cents per kwh | kwh per month at 1.1 cents per kwh | Min bill per month gross |
|---------------|--------------|------------------------------------|------------------------------------|------------------------------------|--------------------------|
| H2            | 2            | 60                                 | 80                                 | Balance                            | \$ 1.67                  |
| H3            | 3            | 60                                 | 180                                | "                                  | 2.25                     |
| H4            | 4            | 60                                 | 240                                | "                                  | 3.00                     |
| H5            | 5            | 80                                 | 300                                | "                                  | 3.75                     |
| H6            | 6            | 100                                | 360                                | "                                  | 4.50                     |
| H7            | 7            | 120                                | 420                                | "                                  | 5.25                     |
| H8            | 8            | 140                                | 480                                | "                                  | 6.00                     |
| H9            | 9            | 160                                | 540                                | "                                  | 6.75                     |
| H10           | 10           | 180                                | 600                                | "                                  | 7.50                     |

NOTE: Hamlet classes above H4 are computed by adding, for each month, 20 kwh to the number of kwh at the first rate and 60 kwh to the number of kwh at the second rate for each increase of 1 kw in demand.

For the minimum gross bill add 75 cents for each increase of 1 kw in demand.

Prompt payment discount 10 per cent.

## COMMERCIAL SERVICE

Minimum demand rating for billing purposes—2 kilowatts

| Commercial rating | Demand in kw | kwh per month at 4.4 cents per kwh | kwh per month at 2.1 cents per kwh | kwh per month at 1.1 cents per kwh | Min bill per month gross |
|-------------------|--------------|------------------------------------|------------------------------------|------------------------------------|--------------------------|
| C1*               | 1            | 30                                 | 60                                 | Balance                            | \$ 0.75                  |
| C2                | 2            | 60                                 | 120                                | "                                  | 1.50                     |
| C3                | 3            | 90                                 | 180                                | "                                  | 2.25                     |
| C4                | 4            | 120                                | 240                                | "                                  | 3.00                     |
| C5                | 5            | 150                                | 300                                | "                                  | 3.75                     |
| C6                | 6            | 180                                | 360                                | "                                  | 4.50                     |
| C7                | 7            | 210                                | 420                                | "                                  | 5.25                     |
| C8                | 8            | 240                                | 480                                | "                                  | 6.00                     |
| C9                | 9            | 270                                | 540                                | "                                  | 6.75                     |
| C10               | 10           | 300                                | 600                                | "                                  | 7.50                     |

NOTE: Commercial classes above C2 are computed by adding, for each month, 30 kwh to the number of kwh at the first rate and 60 kwh to the number of kwh at the second rate, for each increase of 1 kw in demand.

For the minimum gross bill add 75 cents for each increase of 1 kw in demand.

Prompt payment discount 10 per cent.

\*Only available in combination with a hamlet service.

## SUMMER SERVICE

Minimum demand rating for billing purposes—2 kilowatts

| Summer rating | Demand in kw | Annual fixed charge | kwh per annum at 4.4 cents per kwh | kwh per annum at 2.1 cents per kwh | kwh per annum at 1.1 cents per kwh | Minimum bill |
|---------------|--------------|---------------------|------------------------------------|------------------------------------|------------------------------------|--------------|
|               |              | \$                  |                                    |                                    |                                    |              |
| S2            | 2            | 16.67               | 150                                | 450                                | Balance                            | Nil          |
| S3            | 3            | 22.22               | 225                                | 675                                | "                                  | "            |
| S4            | 4            | 22.22               | 300                                | 900                                | "                                  | "            |
| S5            | 5            | 25.00               | 375                                | 1,125                              | "                                  | "            |
| S6            | 6            | 30.00               | 450                                | 1,350                              | "                                  | "            |
| S7            | 7            | 35.00               | 525                                | 1,575                              | "                                  | "            |
| S8            | 8            | 40.00               | 600                                | 1,800                              | "                                  | "            |
| S9            | 9            | 45.00               | 675                                | 2,025                              | "                                  | "            |
| S10           | 10           | 50.00               | 750                                | 2,250                              | "                                  | "            |

NOTE: Summer-service classes above S2 are computed by adding, for each year, 75 kwh to the number of kwh at the first rate and 225 kwh to the number of kwh at the second rate for each increase of 1 kw in demand.

The annual fixed charge for all classes above S4 is \$5.00 for each kw in demand.

Prompt payment discount 10 per cent.

**DESCRIPTION OF MAIN CLASSES OF HYDRO RURAL SERVICE****Farm Service**

Farm service means service rendered to lands and buildings thereon used for the production of food or industrial crops on that land, and shall include electric service to all farm buildings and equipment located on the farm and used for farm purposes, including that required for processing the products of the customer's farm.

Service may be supplied under a farm contract to all dwellings or separate domestic establishments located on the farm property and occupied by persons who are engaged in the operation of the farm.

Additional dwellings or domestic establishments located on a farm property and occupied by persons not engaged in the operation of the farm shall be classed as hamlet contracts and rated accordingly. Small properties of five acres and less shall be classed as hamlet services except under special circumstances when a farm classification may be applied.

The minimum demand of a farm service for billing purposes shall be taken as three kilowatts.

**Commercial Service**

Commercial service means service rendered to a business establishment, including a church, school, public hall, boarding house, or other establishment used wholly or in part for business or community purposes.

Single-phase power only will be supplied under a commercial contract. Where 3-phase power is required the service shall be classed as an industrial power service.

**Hamlet Service**

Hamlet service means service to a domestic establishment.

**Summer Service**

Summer service means service rendered to any kind of establishment normally used during the summer months only.

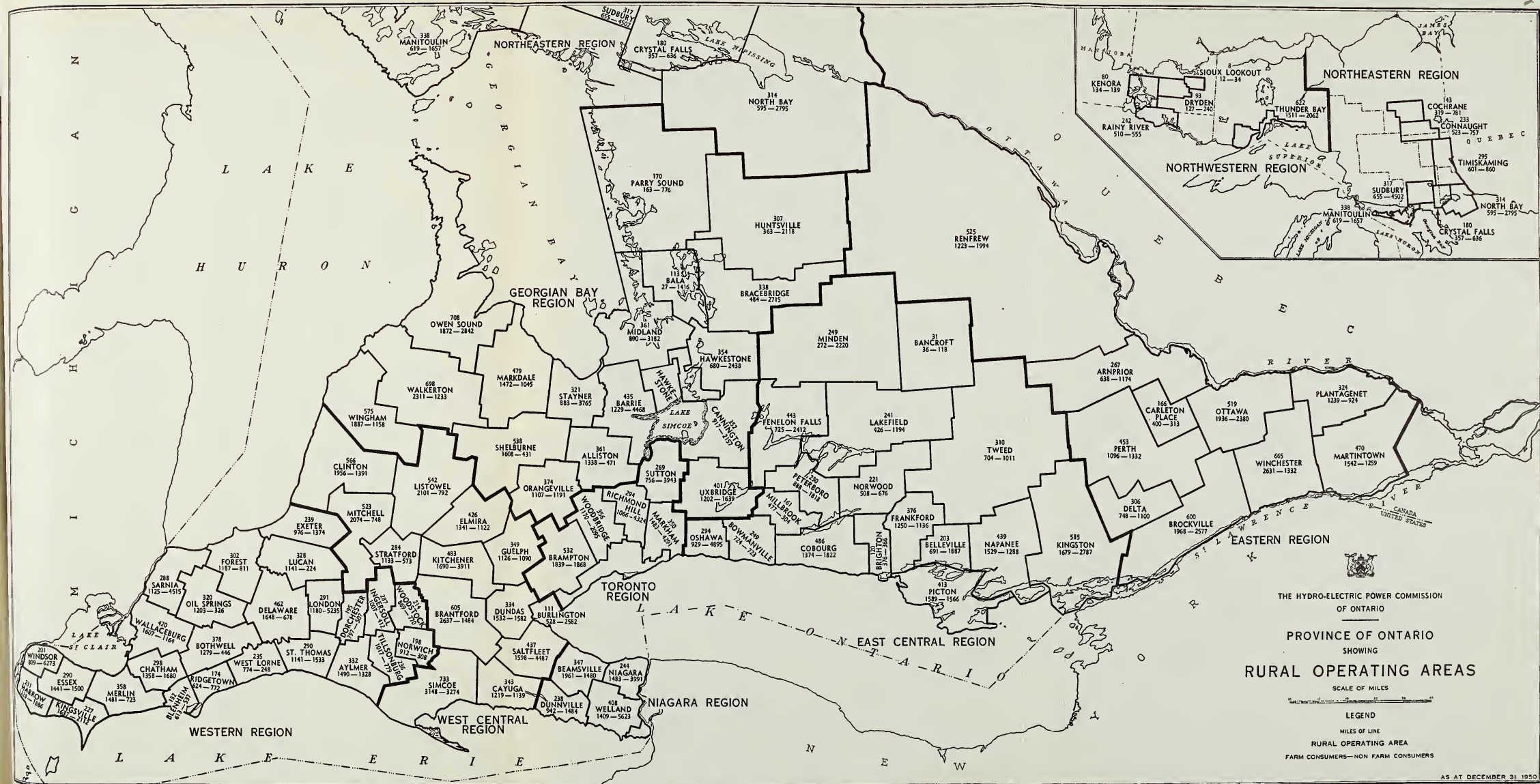
The demand rating for hamlet, commercial, and summer service is two kilowatts for a 2-wire service and is limited by a 20-ampere breaker or a 30-ampere fuse. If the demand exceeds two kilowatts, 3-wire service is supplied and the minimum demand rating is three kilowatts.

**Industrial Power Service**

Power service covers 3-phase service to power users, such as creameries, cheese factories, chopping mills, industries, and special loads which cannot be supplied as commercial single-phase service.

The following table shows the industrial power rates which were placed in force on May 1, 1950:





THE HYDRO-ELECTRIC POWER COMMISSION  
OF ONTARIO

PROVINCE OF ONTARIO  
SHOWING  
**RURAL OPERATING AREAS**

SCALE OF MILES  
0 10 20 30 40 50

LEGEND  
MILES OF LINE  
RURAL OPERATING AREA  
FARM CONSUMERS—NON FARM CONSUMERS



**INDUSTRIAL POWER SERVICE—RATES TO CUSTOMERS  
SERVED THROUGH FACILITIES OF RURAL OPERATING AREAS**

| Control<br>office<br>location | Rural<br>operating<br>areas | Basis<br>of rate,<br>yearly<br>charge<br>130 hrs<br>monthly<br>use of<br>one hp | Service<br>charge<br>per kw<br>per<br>month | First<br>50 hrs<br>per<br>month<br>per<br>kwh | Second<br>50 hrs<br>per<br>month<br>per<br>kwh | All<br>addi-<br>tional<br>per<br>kwh | Prompt<br>payment<br>discount |
|-------------------------------|-----------------------------|---|---|---|--|--------------------------------------|-------------------------------|
|-------------------------------|-----------------------------|---|---|---|--|--------------------------------------|-------------------------------|

**SOUTHERN ONTARIO SYSTEM**

**Western Region**

|                  |                  | \$    | \$   | cents | cents | cents | %  |
|------------------|------------------|-------|------|-------|-------|-------|----|
| Aylmer.....      | Aylmer.....      | 34.00 | 1.35 | 3.4   | 2.2   | 0.33  | 10 |
| Blenheim.....    | Blenheim.....    | 35.00 | 1.35 | 3.5   | 2.3   | 0.33  | 10 |
| Bothwell.....    | Bothwell.....    | 37.00 | 1.35 | 3.8   | 2.5   | 0.33  | 10 |
| Chatham.....     | Chatham.....     | 31.00 | 1.35 | 2.9   | 1.9   | 0.33  | 10 |
| Delaware.....    | Delaware.....    | 32.00 | 1.35 | 3.1   | 2.0   | 0.33  | 10 |
| Dorchester.....  | Dorchester.....  | 32.00 | 1.35 | 3.1   | 2.0   | 0.33  | 10 |
| Essex.....       | Essex.....       | 34.00 | 1.35 | 3.4   | 2.2   | 0.33  | 10 |
| Exeter.....      | Exter.....       | 37.00 | 1.35 | 3.8   | 2.5   | 0.33  | 10 |
| Forest.....      | Forest.....      | 39.00 | 1.35 | 4.1   | 2.7   | 0.33  | 10 |
| Harrow.....      | Harrow.....      | 35.00 | 1.35 | 3.5   | 2.3   | 0.33  | 10 |
| Ingersoll.....   | Ingersoll.....   | 31.00 | 1.35 | 2.9   | 1.9   | 0.33  | 10 |
| Kingsville.....  | Kingsville.....  | 35.00 | 1.35 | 3.5   | 2.3   | 0.33  | 10 |
| London.....      | London.....      | 31.00 | 1.35 | 2.9   | 1.9   | 0.33  | 10 |
| Lucan.....       | Lucan.....       | 37.00 | 1.35 | 3.8   | 2.5   | 0.33  | 10 |
| Merlin.....      | Merlin.....      | 35.00 | 1.35 | 3.5   | 2.3   | 0.33  | 10 |
| Norwich.....     | Norwich.....     | 32.00 | 1.35 | 3.1   | 2.0   | 0.33  | 10 |
| Oil Springs..... | Oil Springs..... | 39.00 | 1.35 | 4.1   | 2.7   | 0.33  | 10 |
| Ridgetown.....   | Ridgetown.....   | 40.00 | 1.35 | 4.3   | 2.8   | 0.33  | 10 |
| St. Thomas.....  | St. Thomas.....  | 34.00 | 1.35 | 3.4   | 2.2   | 0.33  | 10 |
| Sarnia.....      | Sarnia.....      | 36.00 | 1.35 | 3.7   | 2.4   | 0.33  | 10 |
| Tillsonburg..... | Tillsonburg..... | 32.00 | 1.35 | 3.1   | 2.0   | 0.33  | 10 |
| Wallaceburg..... | Wallaceburg..... | 34.00 | 1.35 | 3.4   | 2.2   | 0.33  | 10 |
| West Lorne.....  | West Lorne.....  | 37.00 | 1.35 | 3.8   | 2.5   | 0.33  | 10 |
| Windsor.....     | Windsor.....     | 31.00 | 1.35 | 2.9   | 1.9   | 0.33  | 10 |
| Woodstock.....   | Woodstock.....   | 31.00 | 1.35 | 2.9   | 1.9   | 0.33  | 10 |

**West Central Region**

|                   |                   |       |      |     |     |      |    |
|-------------------|-------------------|-------|------|-----|-----|------|----|
| Brantford.....    | Brantford.....    | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Burlington.....   | Burlington.....   | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
| Cayuga.....       | Cayuga.....       | 41.00 | 1.35 | 4.4 | 2.9 | 0.33 | 10 |
| Clinton.....      | Clinton.....      | 39.00 | 1.35 | 4.1 | 2.7 | 0.33 | 10 |
| Dundas.....       | Dundas.....       | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
| Elmira.....       | Elmira.....       | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Guelph.....       | Guelph.....       | 30.00 | 1.35 | 2.8 | 1.8 | 0.33 | 10 |
| Kitchener.....    | Kitchener.....    | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Listowel.....     | Listowel.....     | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Mitchell.....     | Mitchell.....     | 35.00 | 1.35 | 3.5 | 2.3 | 0.33 | 10 |
| Stoney Creek..... | Saltfleet.....    | 27.00 | 1.35 | 2.3 | 1.5 | 0.33 | 10 |
|                   | Caledonia Section | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
| Simcoe.....       | Simcoe.....       | 35.00 | 1.35 | 3.5 | 2.3 | 0.33 | 10 |
| Stratford.....    | Stratford.....    | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |



**INDUSTRIAL POWER SERVICE—RATES TO CUSTOMERS  
SERVED THROUGH FACILITIES OF RURAL OPERATING AREAS**

| Control<br>office<br>location | Rural<br>operating<br>areas | Basis<br>of rate,<br>yearly<br>charge<br>130 hrs<br>monthly<br>use of<br>one hp | Service<br>charge<br>per kw<br>per month | First<br>50 hrs<br>per<br>month<br>per<br>kwh | Second<br>50 hrs<br>per<br>month<br>per<br>kwh | All<br>addi-<br>tional<br>per<br>kwh | Prompt<br>payment<br>discount |
|-------------------------------|-----------------------------|---|--|---|--|--------------------------------------|-------------------------------|
|-------------------------------|-----------------------------|---|--|---|--|--------------------------------------|-------------------------------|

**SOUTHERN ONTARIO SYSTEM—Continued**

**Niagara Region**

|                    |                 | \$    | \$   | cents | cents | cents | %  |
|--------------------|-----------------|-------|------|-------|-------|-------|----|
| Beamsville.....    | Beamsville..... | 30.00 | 1.35 | 2.8   | 1.8   | 0.33  | 10 |
| Dunnville.....     | Dunnville.....  | 34.00 | 1.35 | 3.4   | 2.2   | 0.33  | 10 |
| St. Catharines.... | Niagara.....    | 29.00 | 1.35 | 2.6   | 1.7   | 0.33  | 10 |
| Welland.....       | Welland.....    | 25.00 | 1.35 | 2.0   | 1.3   | 0.33  | 10 |

**Toronto Region**

|                   |                   |       |      |     |     |      |    |
|-------------------|-------------------|-------|------|-----|-----|------|----|
| Brampton.....     | Brampton.....     | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Markham.....      | Markham.....      | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Richmond Hill.... | Richmond Hill.... | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Sutton.....       | Sutton.....       | 35.00 | 1.35 | 3.5 | 2.3 | 0.33 | 10 |
| Woodbridge.....   | Woodbridge.....   | 34.00 | 1.35 | 3.4 | 2.2 | 0.33 | 10 |

**Georgian Bay Region**

|                    |                  |       |      |     |     |      |    |
|--------------------|------------------|-------|------|-----|-----|------|----|
| Alliston.....      | Alliston.....    | 37.00 | 1.35 | 3.8 | 2.5 | 0.33 | 10 |
| Bala.....          | Bala.....        | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
| Barrie.....        | Barrie.....      | 37.00 | 1.35 | 3.8 | 2.5 | 0.33 | 10 |
| Bracebridge.....   | Bracebridge..... | 36.00 | 1.35 | 3.7 | 2.4 | 0.33 | 10 |
| Cannington.....    | Cannington.....  | 39.00 | 1.35 | 4.1 | 2.7 | 0.33 | 10 |
| Orillia.....       | Hawkestone.....  | 30.00 | 1.35 | 2.8 | 1.8 | 0.33 | 10 |
| Huntsville.....    | Huntsville.....  | 35.00 | 1.35 | 3.5 | 2.3 | 0.33 | 10 |
| Markdale.....      | Markdale.....    | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Penetanguishene... | Midland.....     | 34.00 | 1.35 | 3.4 | 2.2 | 0.33 | 10 |
| Orangeville.....   | Orangeville..... | 45.00 | 1.35 | 4.9 | 3.3 | 0.33 | 10 |
| Owen Sound.....    | Owen Sound.....  | 40.00 | 1.35 | 4.3 | 2.8 | 0.33 | 10 |
| Parry Sound.....   | Parry Sound..... | 34.00 | 1.35 | 3.4 | 2.2 | 0.33 | 10 |
| Shelburne.....     | Shelburne.....   | 39.00 | 1.35 | 4.1 | 2.7 | 0.33 | 10 |
| Stayner.....       | Stayner.....     | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Uxbridge.....      | Uxbridge.....    | 40.00 | 1.35 | 4.3 | 2.8 | 0.33 | 10 |
| Walkerton.....     | Walkerton.....   | 37.00 | 1.35 | 3.8 | 2.5 | 0.33 | 10 |
| Wingham.....       | Wingham.....     | 39.00 | 1.35 | 4.1 | 2.7 | 0.33 | 10 |

**East Central Region**

|                   |                   |       |      |     |     |      |    |
|-------------------|-------------------|-------|------|-----|-----|------|----|
| Bancroft.....     | Bancroft.....     | 50.00 | 1.35 | 5.7 | 3.8 | 0.33 | 10 |
| Belleville.....   | Belleville.....   | 30.00 | 1.35 | 2.8 | 1.8 | 0.33 | 10 |
| Bowmanville.....  | Bowmanville.....  | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Cobourg.....      | Cobourg.....      | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
| Fenelon Falls.... | Fenelon Falls.... | 35.00 | 1.35 | 3.5 | 2.3 | 0.33 | 10 |
| Frankford.....    | Frankford.....    | 29.00 | 1.35 | 2.6 | 1.7 | 0.33 | 10 |
| Kingston.....     | Brighton.....     | 29.00 | 1.35 | 2.6 | 1.7 | 0.33 | 10 |
| Lakefield.....    | Kingston.....     | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
| Millbrook.....    | Lakefield.....    | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
|                   | Millbrook.....    | 35.00 | 1.35 | 3.5 | 2.3 | 0.33 | 10 |

**INDUSTRIAL POWER SERVICE—RATES TO CUSTOMERS  
SERVED THROUGH FACILITIES OF RURAL OPERATING AREAS**

| Control<br>office<br>location | Rural<br>operating<br>areas | Basis<br>of rate,<br>yearly<br>charge<br>130 hrs<br>monthly<br>use of<br>one hp | Service<br>charge<br>per kw<br>per month | First<br>50 hrs<br>per<br>month<br>per<br>kwh | Second<br>50 hrs<br>per<br>month<br>per<br>kwh | All<br>addi-<br>tional<br>per<br>kwh | Prompt<br>payment<br>discount |
|-------------------------------|-----------------------------|---|--|---|--|--------------------------------------|-------------------------------|
|-------------------------------|-----------------------------|---|--|---|--|--------------------------------------|-------------------------------|

**SOUTHERN ONTARIO SYSTEM—Continued**

**East Central Region—Continued**

|                   |                   | \$    | \$   | cents | cents | cents | %  |
|-------------------|-------------------|-------|------|-------|-------|-------|----|
| Minden.....       | Minden.....       | 35.00 | 1.35 | 3.5   | 2.3   | 0.33  | 10 |
| Napanee.....      | Napanee.....      | 30.00 | 1.35 | 2.8   | 1.8   | 0.33  | 10 |
| Norwood.....      | Norwood.....      | 39.00 | 1.35 | 4.1   | 2.7   | 0.33  | 10 |
| Oshawa.....       | Oshawa.....       | 31.00 | 1.35 | 2.9   | 1.9   | 0.33  | 10 |
| Peterborough..... | Peterborough..... | 25.00 | 1.35 | 2.0   | 1.3   | 0.33  | 10 |
| Picton.....       | Picton.....       | 36.00 | 1.35 | 3.7   | 2.4   | 0.33  | 10 |
| Tweed.....        | Tweed.....        | 42.00 | 1.35 | 4.6   | 3.0   | 0.33  | 10 |

**Eastern Region**

|                  |                   |       |      |     |     |      |    |
|------------------|-------------------|-------|------|-----|-----|------|----|
| Arnprior.....    | Arnprior.....     | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
| Brockville.....  | Brockville.....   | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
| Delta.....       | Delta.....        | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
| Lancaster.....   | Martintown.....   | 41.00 | 1.35 | 4.4 | 2.9 | 0.33 | 10 |
| Ottawa.....      | Ottawa.....       | 27.00 | 1.35 | 2.3 | 1.5 | 0.33 | 10 |
| Perth.....       | Perth.....        | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |
|                  | Carleton Place... | 30.00 | 1.35 | 2.8 | 1.8 | 0.33 | 10 |
| Plantagenet..... | Plantagenet.....  | 41.00 | 1.35 | 4.4 | 2.9 | 0.33 | 10 |
| Cobden.....      | Renfrew.....      | 31.00 | 1.35 | 2.9 | 1.9 | 0.33 | 10 |
| Winchester.....  | Winchester.....   | 32.00 | 1.35 | 3.1 | 2.0 | 0.33 | 10 |

**THUNDER BAY SYSTEM**

**Northwestern Region**

|                  |                 |       |      |     |     |      |    |
|------------------|-----------------|-------|------|-----|-----|------|----|
| Port Arthur..... | Thunder Bay.... | 30.00 | 1.35 | 2.8 | 1.8 | 0.33 | 10 |
|------------------|-----------------|-------|------|-----|-----|------|----|

**NORTHERN ONTARIO PROPERTIES**

**Northeastern Region**

|                   |                   |       |      |     |     |      |    |
|-------------------|-------------------|-------|------|-----|-----|------|----|
| Cochrane.....     | Cochrane.....     | 50.00 | 1.35 | 5.7 | 3.8 | 0.33 | 10 |
| Matheson.....     | Connaught.....    | 42.00 | 1.35 | 4.6 | 3.0 | 0.33 | 10 |
| Kagawong.....     | Manitoulin.....   | 44.00 | 1.35 | 4.8 | 3.2 | 0.33 | 10 |
| North Bay.....    | North Bay.....    | 42.00 | 1.35 | 4.6 | 3.0 | 0.33 | 10 |
|                   | Crystal Falls.... | 50.00 | 1.35 | 5.7 | 3.8 | 0.33 | 10 |
| Sudbury.....      | Sudbury.....      | 37.00 | 1.35 | 3.8 | 2.5 | 0.33 | 10 |
| New Liskeard..... | Timiskaming....   | 41.00 | 1.35 | 4.4 | 2.9 | 0.33 | 10 |

**Northwestern Region**

|                    |                  |       |      |     |     |      |    |
|--------------------|------------------|-------|------|-----|-----|------|----|
| Dryden.....        | Dryden.....      | 50.00 | 1.35 | 5.7 | 3.8 | 0.33 | 10 |
| Kenora.....        | Kenora.....      | 50.00 | 1.35 | 5.7 | 3.8 | 0.33 | 10 |
| Fort Frances.....  | Rainy River..... | 50.00 | 1.35 | 5.7 | 3.8 | 0.33 | 10 |
| Sioux Lookout..... | Sioux Lookout... | 50.00 | 1.35 | 5.7 | 3.8 | 0.33 | 10 |

## RURAL OPERATING AREAS

MILES OF LINE, NUMBER OF CUSTOMERS—DECEMBER 31, 1950

## Constructed and Receiving Service

| Rural operating areas     | Miles of line constructed | Number of customers receiving service |        |             |         |       |        | Not completed in 1950* |            |
|---------------------------|---------------------------|---------------------------------------|--------|-------------|---------|-------|--------|------------------------|------------|
|                           |                           | Farm                                  | Hamlet | Com-mercial | Sum-mer | Power | Total  | Miles                  | Cus-tomers |
| SOUTHERN ONTARIO SYSTEM   |                           |                                       |        |             |         |       |        |                        |            |
| Western Region            |                           |                                       |        |             |         |       |        |                        |            |
| Aylmer.....               | 331.69                    | 1,490                                 | 930    | 184         | 209     | 5     | 2,818  | 0.47                   | .....      |
| Blenheim.....             | 132.20                    | 613                                   | 330    | 63          | 139     | 5     | 1,150  | 0.23                   | .....      |
| Bothwell.....             | 377.68                    | 1,279                                 | 297    | 133         | 1       | 15    | 1,725  | 2.28                   | 4          |
| Chatham.....              | 298.42                    | 1,358                                 | 1,494  | 163         | .....   | 23    | 3,038  | 3.79                   | 5          |
| Delaware.....             | 462.27                    | 1,648                                 | 487    | 186         | .....   | 5     | 2,326  | 4.77                   | 4          |
| Dorchester.....           | 194.99                    | 797                                   | 406    | 88          | 2       | 11    | 1,304  | 3.78                   | 1          |
| Essex.....                | 289.96                    | 1,441                                 | 856    | 122         | 513     | 9     | 2,941  | 3.47                   | 9          |
| Exeter.....               | 239.40                    | 976                                   | 498    | 125         | 745     | 6     | 2,350  | 7.71                   | 2          |
| Forest.....               | 302.37                    | 1,187                                 | 156    | 84          | 565     | 6     | 1,998  | 0.85                   | 4          |
| Harrow.....               | 231.25                    | 1,223                                 | 694    | 104         | 1,083   | 5     | 3,109  | 2.10                   | 9          |
| Ingersoll.....            | 287.30                    | 1,007                                 | 330    | 70          | 7       | 5     | 1,419  | 0.63                   | 2          |
| Kingsville.....           | 226.83                    | 1,637                                 | 877    | 126         | 1,094   | 15    | 3,749  | 1.65                   | 5          |
| London.....               | 290.78                    | 1,180                                 | 4,930  | 278         | 3       | 24    | 6,415  | 6.28                   | 10         |
| Lucan.....                | 327.51                    | 1,141                                 | 134    | 87          | .....   | 3     | 1,365  | 9.62                   | 3          |
| Merlin.....               | 358.45                    | 1,481                                 | 361    | 147         | 208     | 7     | 2,204  | 9.79                   | 8          |
| Norwich.....              | 198.46                    | 912                                   | 244    | 56          | .....   | 8     | 1,220  | .....                  | .....      |
| Oil Springs.....          | 320.18                    | 1,203                                 | 201    | 120         | .....   | 5     | 1,529  | 4.13                   | 4          |
| Ridgetown.....            | 173.85                    | 624                                   | 249    | 55          | 464     | 4     | 1,396  | 1.20                   | .....      |
| St. Thomas.....           | 290.17                    | 1,141                                 | 1,362  | 154         | 11      | 6     | 2,674  | 0.80                   | 8          |
| Sarnia.....               | 288.27                    | 1,125                                 | 3,499  | 259         | 749     | 8     | 5,640  | 2.08                   | 2          |
| Tillsonburg.....          | 236.06                    | 1,017                                 | 630    | 134         | .....   | 15    | 1,796  | .....                  | .....      |
| Wallaceburg.....          | 420.45                    | 1,607                                 | 803    | 215         | 134     | 12    | 2,771  | 12.60                  | 73         |
| West Lorne.....           | 235.10                    | 774                                   | 157    | 59          | 31      | 1     | 1,022  | 0.55                   | 2          |
| Windsor.....              | 201.48                    | 809                                   | 5,836  | 403         | .....   | 34    | 7,082  | 3.30                   | 1          |
| Woodstock.....            | 214.08                    | 869                                   | 646    | 120         | .....   | 4     | 1,639  | 0.33                   | 1          |
| Total Western Region..... | 6,929.20                  | 28,539                                | 26,407 | 3,535       | 5,958   | 241   | 64,680 | 82.41                  | 157        |

## West Central Region

|                                |          |        |        |       |       |     |        |       |       |
|--------------------------------|----------|--------|--------|-------|-------|-----|--------|-------|-------|
| Brantford.....                 | 605.43   | 2,637  | 1,230  | 225   | 13    | 16  | 4,121  | 15.33 | 16    |
| Burlington.....                | 110.90   | 528    | 2,397  | 127   | 27    | 31  | 3,110  | 1.80  | 31    |
| Cayuga.....                    | 342.76   | 1,219  | 499    | 147   | 472   | 21  | 2,358  | 6.95  | 6     |
| Clinton.....                   | 566.21   | 1,956  | 733    | 218   | 435   | 5   | 3,347  | 14.21 | 6     |
| Dundas.....                    | 334.34   | 1,532  | 1,411  | 158   | ..... | 13  | 3,114  | 1.20  | 10    |
| Elmira.....                    | 425.57   | 1,341  | 889    | 168   | 45    | 20  | 2,463  | 1.80  | 9     |
| Guelph.....                    | 348.51   | 1,126  | 946    | 117   | 17    | 10  | 2,216  | 5.85  | 11    |
| Kitchener.....                 | 482.89   | 1,690  | 3,366  | 334   | 172   | 39  | 5,601  | 4.89  | 11    |
| Listowel.....                  | 542.36   | 2,101  | 575    | 208   | 2     | 7   | 2,893  | 0.69  | 42    |
| Mitchell.....                  | 522.62   | 2,074  | 558    | 179   | ..... | 11  | 2,822  | 9.82  | 4     |
| Saltfleet.....                 | 437.05   | 1,598  | 3,904  | 309   | 246   | 28  | 6,085  | 5.70  | 41    |
| Simcoe.....                    | 733.28   | 3,148  | 1,949  | 312   | 1,002 | 11  | 6,422  | 5.05  | 11    |
| Stratford.....                 | 283.87   | 1,133  | 459    | 104   | 1     | 9   | 1,706  | 7.25  | ..... |
| Total West Central Region..... | 5,735.79 | 22,083 | 18,916 | 2,606 | 2,432 | 221 | 46,258 | 80.54 | 198   |

\*Miles of line and total customers, not included in preceding columns.



## RURAL OPERATING AREAS

MILES OF LINE, NUMBER OF CUSTOMERS—DECEMBER 31, 1950

## Constructed and Receiving Service

| Rural operating areas | Miles of line constructed | Number of customers receiving service |        |            |        |       |       | Not completed in 1950* |           |
|-----------------------|---------------------------|---------------------------------------|--------|------------|--------|-------|-------|------------------------|-----------|
|                       |                           | Farm                                  | Hamlet | Commercial | Summer | Power | Total | Miles                  | Customers |

## SOUTHERN ONTARIO SYSTEM—Continued

## Niagara Region

|                           |          |       |       |     |       |     |        |       |    |
|---------------------------|----------|-------|-------|-----|-------|-----|--------|-------|----|
| Beamsville.....           | 346.55   | 1,961 | 1,124 | 196 | 138   | 22  | 3,441  | 9.20  | 1  |
| Dunnville.....            | 237.50   | 942   | 517   | 119 | 838   | 10  | 2,426  | 1.25  | 8  |
| Niagara.....              | 243.52   | 1,483 | 3,532 | 239 | 190   | 30  | 5,474  | 8.28  | 13 |
| Welland.....              | 407.76   | 1,409 | 4,574 | 373 | 623   | 53  | 7,032  | 18.98 | 18 |
| Total Niagara Region..... | 1,235.33 | 5,795 | 9,747 | 927 | 1,789 | 115 | 18,373 | 37.71 | 40 |

## Toronto Region

|                           |          |       |        |       |       |     |        |       |    |
|---------------------------|----------|-------|--------|-------|-------|-----|--------|-------|----|
| Brampton.....             | 532.05   | 1,839 | 1,375  | 197   | 283   | 13  | 3,707  | 16.04 | 20 |
| Markham.....              | 349.68   | 1,483 | 3,243  | 248   | 763   | 37  | 5,774  | 1.80  | 10 |
| Richmond Hill....         | 293.56   | 1,066 | 3,752  | 280   | 266   | 26  | 5,390  | 7.37  | 15 |
| Sutton.....               | 269.28   | 756   | 1,195  | 157   | 2,576 | 15  | 4,699  | 8.17  | 33 |
| Woodbridge.....           | 356.08   | 1,170 | 1,716  | 249   | 103   | 27  | 3,265  | 7.15  | 9  |
| Total Toronto Region..... | 1,800.65 | 6,314 | 11,281 | 1,131 | 3,991 | 118 | 22,835 | 40.53 | 87 |

## Georgian Bay Region

|                                |          |        |        |       |        |       |        |       |     |
|--------------------------------|----------|--------|--------|-------|--------|-------|--------|-------|-----|
| Alliston.....                  | 360.90   | 1,338  | 333    | 118   | 16     | 4     | 1,809  | 8.82  | 41  |
| Bala.....                      | 112.63   | 27     | 429    | 59    | 926    | 2     | 1,443  | 1.49  | 7   |
| Barrie.....                    | 434.86   | 1,229  | 1,450  | 212   | 2,798  | 8     | 5,697  | 3.57  | 1   |
| Bracebridge.....               | 337.80   | 484    | 763    | 123   | 1,827  | 2     | 3,199  | 6.35  | 42  |
| Cannington.....                | 352.11   | 917    | 636    | 139   | 1,376  | 6     | 3,074  | 3.00  | 16  |
| Hawkestone.....                | 353.95   | 680    | 617    | 137   | 1,681  | 3     | 3,118  | 13.68 | 1   |
| Huntsville.....                | 307.22   | 363    | 1,058  | 185   | 867    | 8     | 2,481  | 1.39  | 2   |
| Markdale.....                  | 478.53   | 1,472  | 595    | 190   | 255    | 5     | 2,517  | 6.01  | 28  |
| Midland.....                   | 360.77   | 890    | 611    | 126   | 2,444  | 1     | 4,072  | 6.73  | 22  |
| Orangeville.....               | 373.96   | 1,107  | 743    | 200   | 245    | 3     | 2,298  | 6.73  | 11  |
| Owen Sound.....                | 707.74   | 1,872  | 1,137  | 326   | 1,378  | 1     | 4,714  | 0.70  | 4   |
| Parry Sound.....               | 169.50   | 163    | 515    | 79    | 181    | 1     | 939    | 2.46  | 22  |
| Shelburne.....                 | 537.95   | 1,608  | 271    | 144   | 16     | ..... | 2,039  | 1.42  | 5   |
| Stayner.....                   | 320.58   | 883    | 690    | 142   | 2,929  | 4     | 4,648  | 9.33  | 18  |
| Uxbridge.....                  | 401.02   | 1,202  | 741    | 167   | 727    | 4     | 2,841  | 8.36  | 18  |
| Walkerton.....                 | 697.72   | 2,311  | 642    | 250   | 335    | 6     | 3,544  | 6.78  | 15  |
| Wingham.....                   | 575.44   | 1,887  | 587    | 236   | 332    | 3     | 3,045  | 2.20  | 7   |
| Total Georgian Bay Region..... | 6,882.68 | 18,433 | 11,818 | 2,833 | 18,333 | 61    | 51,478 | 89.02 | 260 |

\*Miles of line and total customers, not included in preceding columns.

## RURAL OPERATING AREAS

## MILES OF LINE, NUMBER OF CUSTOMERS—DECEMBER 31, 1950

## Constructed and Receiving Service

| Rural operating areas | Miles of line constructed | Number of customers receiving service |        |            |        |       |       | Not completed in 1950* |           |
|-----------------------|---------------------------|---------------------------------------|--------|------------|--------|-------|-------|------------------------|-----------|
|                       |                           | Farm                                  | Hamlet | Commercial | Summer | Power | Total | Miles                  | Customers |

## SOUTHERN ONTARIO SYSTEM—Continued

## East Central Region

|                                |          |        |        |       |       |       |        |       |       |
|--------------------------------|----------|--------|--------|-------|-------|-------|--------|-------|-------|
| Bancroft.....                  | 30.93    | 36     | 102    | 13    | 3     | ..... | 154    | 12.10 | 36    |
| Belleville.....                | 203.32   | 691    | 1,669  | 174   | 36    | 8     | 2,578  | 6.30  | ..... |
| Bowmanville.....               | 248.67   | 724    | 512    | 105   | 101   | 5     | 1,447  | 1.85  | 13    |
| Brighton.....                  | 120.21   | 376    | 158    | 27    | 180   | 1     | 742    | 2.15  | ..... |
| Cobourg.....                   | 485.96   | 1,374  | 934    | 214   | 670   | 4     | 3,196  | 4.59  | 3     |
| Fenelon Falls.....             | 442.66   | 725    | 440    | 127   | 1,839 | 6     | 3,137  | 13.18 | 52    |
| Frankford.....                 | 376.36   | 1,250  | 764    | 163   | 208   | 1     | 2,386  | 2.06  | 7     |
| Kingston.....                  | 584.92   | 1,679  | 1,909  | 365   | 500   | 13    | 4,466  | 17.91 | 52    |
| Lakefield.....                 | 241.19   | 426    | 526    | 130   | 537   | 1     | 1,620  | 0.65  | 9     |
| Millbrook.....                 | 161.00   | 477    | 196    | 56    | 51    | 1     | 781    | 1.20  | 1     |
| Minden.....                    | 249.31   | 272    | 1,038  | 223   | 956   | 3     | 2,492  | 8.34  | 110   |
| Napanee.....                   | 438.90   | 1,529  | 882    | 259   | 142   | 5     | 2,817  | 2.82  | 4     |
| Norwood.....                   | 221.08   | 508    | 250    | 70    | 353   | 3     | 1,184  | 2.00  | 17    |
| Oshawa.....                    | 293.95   | 929    | 4,261  | 295   | 304   | 35    | 5,824  | 3.39  | 16    |
| Peterboro.....                 | 229.90   | 888    | 1,171  | 170   | 471   | 6     | 2,706  | 2.68  | 31    |
| Pictou.....                    | 413.36   | 1,589  | 924    | 212   | 427   | 3     | 3,155  | 2.70  | 3     |
| Tweed.....                     | 309.95   | 704    | 602    | 134   | 274   | 1     | 1,715  | 10.96 | 41    |
| Total East Central Region..... | 5,051.67 | 14,177 | 16,338 | 2,737 | 7,052 | 96    | 40,400 | 94.88 | 395   |

## Eastern Region

|                           |          |        |       |       |       |       |        |        |     |
|---------------------------|----------|--------|-------|-------|-------|-------|--------|--------|-----|
| Arnprior.....             | 266.71   | 638    | 773   | 176   | 212   | 13    | 1,812  | 12.92  | 47  |
| Brockville.....           | 599.98   | 1,968  | 1,464 | 366   | 729   | 18    | 4,545  | 4.97   | 9   |
| Carleton Place.....       | 165.70   | 400    | 113   | 65    | 134   | 1     | 713    | 4.66   | 12  |
| Delta.....                | 305.63   | 748    | 483   | 149   | 468   | ..... | 1,848  | 0.76   | 5   |
| Martintown.....           | 469.65   | 1,542  | 875   | 249   | 128   | 7     | 2,801  | 25.27  | 86  |
| Ottawa.....               | 519.06   | 1,936  | 1,796 | 362   | 200   | 22    | 4,316  | 17.90  | 31  |
| Perth.....                | 452.89   | 1,096  | 705   | 175   | 447   | 5     | 2,428  | 16.29  | 65  |
| Plantagenet.....          | 323.59   | 1,239  | 705   | 176   | 40    | 3     | 2,163  | 3.75   | 33  |
| Renfrew.....              | 524.71   | 1,223  | 1,537 | 323   | 121   | 13    | 3,217  | 21.55  | 102 |
| Winchester.....           | 665.18   | 2,631  | 955   | 328   | 36    | 13    | 3,963  | 2.25   | 4   |
| Total Eastern Region..... | 4,293.10 | 13,421 | 9,406 | 2,369 | 2,515 | 95    | 27,806 | 110.32 | 394 |

## THUNDER BAY SYSTEM

## Northwestern Region

|                  |        |       |       |     |     |   |       |       |   |
|------------------|--------|-------|-------|-----|-----|---|-------|-------|---|
| Thunder Bay..... | 621.87 | 1,511 | 1,461 | 230 | 364 | 7 | 3,573 | 18.88 | 3 |
|------------------|--------|-------|-------|-----|-----|---|-------|-------|---|

\*Miles of line and total customers, not included in preceding columns.

## RURAL OPERATING AREAS

## MILES OF LINE, NUMBER OF CUSTOMERS—DECEMBER 31, 1950

## Constructed and Receiving Service

| Rural operating areas | Miles of line constructed | Number of customers receiving service |        |            |        |       |        | Not completed in 1950* |           |
|-----------------------|---------------------------|---------------------------------------|--------|------------|--------|-------|--------|------------------------|-----------|
|                       |                           | Farm                                  | Hamlet | Commercial | Summer | Power | Total  | Miles                  | Customers |
| Cochrane.....         | 142.51                    | 319                                   | 710    | 69         | 2      | ..... | 1,100  | .....                  | 41        |
| Connaught.....        | 232.60                    | 523                                   | 587    | 117        | 44     | 9     | 1,280  | 15.71                  | 5         |
| Crystal Falls.....    | 179.89                    | 357                                   | 532    | 93         | 10     | 1     | 993    | 5.99                   | 240       |
| Manitoulin.....       | 338.24                    | 619                                   | 1,030  | 328        | 289    | 10    | 2,276  | 54.20                  | 44        |
| North Bay.....        | 314.37                    | 595                                   | 2,006  | 246        | 531    | 12    | 3,390  | 13.73                  | 75        |
| Sudbury.....          | 316.91                    | 655                                   | 3,924  | 291        | 276    | 11    | 5,157  | 24.66                  | 107       |
| Timiskaming.....      | 294.79                    | 601                                   | 598    | 149        | 103    | 10    | 1,461  | 8.67                   | 68        |
|                       | 1,819.31                  | 3,669                                 | 9,387  | 1,293      | 1,255  | 53    | 15,657 | 122.96                 | 580       |

## NORTHERN ONTARIO PROPERTIES

## Northeastern Region

|                    |          |       |       |       |       |       |        |        |     |
|--------------------|----------|-------|-------|-------|-------|-------|--------|--------|-----|
| Cochrane.....      | 142.51   | 319   | 710   | 69    | 2     | ..... | 1,100  | .....  | 41  |
| Connaught.....     | 232.60   | 523   | 587   | 117   | 44    | 9     | 1,280  | 15.71  | 5   |
| Crystal Falls..... | 179.89   | 357   | 532   | 93    | 10    | 1     | 993    | 5.99   | 240 |
| Manitoulin.....    | 338.24   | 619   | 1,030 | 328   | 289   | 10    | 2,276  | 54.20  | 44  |
| North Bay.....     | 314.37   | 595   | 2,006 | 246   | 531   | 12    | 3,390  | 13.73  | 75  |
| Sudbury.....       | 316.91   | 655   | 3,924 | 291   | 276   | 11    | 5,157  | 24.66  | 107 |
| Timiskaming.....   | 294.79   | 601   | 598   | 149   | 103   | 10    | 1,461  | 8.67   | 68  |
|                    | 1,819.31 | 3,669 | 9,387 | 1,293 | 1,255 | 53    | 15,657 | 122.96 | 580 |

## Northwestern Region

|                                   |          |       |        |       |       |       |        |        |       |
|-----------------------------------|----------|-------|--------|-------|-------|-------|--------|--------|-------|
| Dryden.....                       | 93.31    | 127   | 169    | 64    | 7     | ..... | 367    | 2.31   | 62    |
| Kenora.....                       | 79.95    | 134   | 103    | 9     | 27    | ..... | 273    | 2.00   | 109   |
| Rainy River.....                  | 242.15   | 510   | 413    | 139   | ..... | 3     | 1,065  | 8.52   | 11    |
| Sioux Lookout.....                | 7.95     | 12    | 18     | 6     | 10    | ..... | 46     | .....  | ..... |
|                                   | 423.36   | 783   | 703    | 218   | 44    | 3     | 1,751  | 12.83  | 182   |
| Total Northern Ontario Properties | 2,242.67 | 4,452 | 10,090 | 1,511 | 1,299 | 56    | 17,408 | 135.79 | 762   |

\*Miles of line and total customers, not included in preceding columns.



## APPENDIX IV

### SUPPLEMENTARY MATERIAL RELATING TO SECTION V—ENGINEERING AND CONSTRUCTION

#### Contents:

1. A list of station projects, in addition to those described in Section V, which were completed or under construction in 1950.
2. Table showing changes in transformer capacity during the fiscal year ended December 31, 1950.
3. Summary table of transformer step-down capacity at December 31, 1950.
4. A list of transmission line changes and additions made during the fiscal year ended December 31, 1950.
5. Summary table of transmission lines and circuits at December 31, 1950.
6. A section relating to communications—telephone, power-line carrier, telemetering circuits, and radio facilities.

#### OTHER PROJECTS

The following paragraphs deal briefly with a number of other projects in the electrical engineering field completed or under construction during the fiscal year 1950.

#### SOUTHERN ONTARIO SYSTEM

##### TORONTO, NIAGARA, WEST CENTRAL, AND WESTERN REGIONS

**Armitage**—A new 22,400-kva, 60-cycle, 115/26.4-kv transformer station was placed in service August 17, 1950. This station supplies 60-cycle power for North Yonge Street area which was changed from 25-cycle to 60-cycle operation in 1950.

**Brantford**—Preliminary work has started on a new 25-cycle transformer station at Brantford which will include a dual-frequency transformer rated 15,000/27,000 kva at 115/26.4 kv. The station is scheduled for service in June 1952.

**Caledonia**—The capacity of this station is being increased by the installation of one 8,000-/14,400-kva, 25/60-cycle, 115/26.4-kv transformer bank. The present capacity is 8,000 kva at 25 cycles. The new transformer is expected to be in service in September 1951.

**Essex**—The capacity of the transformer station is being increased by the installation of two 25,000-kva, 60-cycle, 115/26.4-kv transformer banks. This will result in a 25-cycle capacity of 60,000 kva and a 60-cycle capacity of 50,000 kva.

**Galt**—Two 8,000-kva, 25-cycle transformers were placed in service in December 1949.

**Hamilton Beach**—The installation of two 15,000-kva, 60-cycle, 115/44/4-kv transformer banks is under way and expected to be in service in April 1951.

**Hamilton-Gage**—The fifth 25,000-kva, 25-cycle transformer was placed in service in November 1949. The capacity of the transformer station is now 125,000 kva.

**Hamilton-Kenilworth**—Preliminary engineering has commenced on a new 60-cycle, 115/13-kv transformer station to supply power to Dominion Foundries and Steel Limited.

**Kent**—The capacity of the transformer station is being increased by the installation of one 8,000/14,400-kva, 25/60-cycle, 115/26.4-kv transformer bank which is expected to be in service in April 1951.

**Kingsville**—The capacity of the transformer station is being increased by the installation of one 8,000/14,400-kva, 25/60-cycle, 115/26.4-kv transformer bank which is expected to be in service in July 1951.

**London**—At the transformer station a 115/13.2-kv, 60-cycle, 31,500 kva bank of transformers is being installed, replacing a 15,000 kva, 25-cycle bank. This installation is scheduled for completion in January 1951.

The installation of a 32,400-kva, 60-cycle, 115/26.4-kv transformer bank is in progress and is scheduled for completion in May 1951.

**London-Nelson**—A new 54,000-kva, 60-cycle, 115/13.2-kv transformer station was placed in service in March 1950.

**Norfolk**—One 8,000/14,400-kva, 25/60-cycle, 115/26.4-kv transformer was placed in service in December 1950. The total capacity of the transformer station is now 16,000 kva at 25 cycles.

**Palmerston**—The capacity of the transformer station is being increased by the installation of one 8,000/14,400-kva, 25/60-cycle, 115/26.4-kv transformer bank which is expected to be in service in July 1951. Present station capacity is 8,000 kva at 25 cycles.

**St. Catharines**—The first two 15,000-kva, 25-cycle, 115/13.2-kv transformer banks of the new transformer station were placed in service in December 1950, replacing the former 16,000-kva, 115/13.2-kv temporary station. The third 15,000-kva bank is expected to be in service in June 1951.

**St. Clair**—At the transformer station the initial 60-cycle, 27,000-kva, 115/26.4-kv transformer bank was placed in service in November 1950.

**St. Marys**—The installation at the transformer station of two 8,000-kva, 60-cycle, 115/13.2-kv transformer banks is in progress. They are expected to be in service in February 1951.

**St. Thomas**—The capacity of the transformer station is being increased by the installation of one 8,000/14,400-kva, 25/60-cycle, 115/26.4-kv transformer bank which is expected to be in service in November 1951.

Work is proceeding on the installation of two 5,000-kva, 60-cycle, 26.4/13.2-kv autotransformers. These are expected to be in service in May 1951.

**Seaforth**—A new 16,000-kva, 60-cycle, 115/26.4-kv transformer station is under construction and is scheduled for service in March 1951.

**Strathroy**—A new 14,400-kva, 60-cycle, 115/26.4-kv transformer station was placed in service in December 1950.

**Tillsonburg**—A new 8,000-kva, 25-cycle, 115/26.4-kv transformer station was placed in service in May 1950.

**Toronto-John**—The construction of the new 60,000-kva, 25-cycle, 115/13.2-kv transformer station is progressing and it is expected to be in service in August 1951.

**Toronto-Thorncliffe**—Preliminary engineering has been started on a new temporary 30,000-kva, 60-cycle, 115/13.2-kv transformer station to be built to supply 60-cycle power to the Toronto Hydro-Electric System in the Leaside District. This station is scheduled for service in September 1951.

**Toronto-Wiltshire**—Preliminary work was started at the transformer station for the installation of the temporary 30,000/54,000-kva, 25/60-cycle transformer bank and 115-kv switching changes together with changing of transformer banks No. 5 and No. 6 to 60 cycles. Expected in-service dates are June and August 1951.

**Wallaceburg**—The capacity of the transformer station will be increased by the installation of an 8,000/14,400-kva, 25/60-cycle, 115/26.4-kv transformer bank. This transformer will be used initially at 25 cycles. It is expected to be in service in October 1951.

**Windsor-Crawford**—Construction is in progress on a 54,000-kva, 60-cycle, 115/26.4-kv transformer station. This station is expected to be in service in July 1951.

The replacement of high-voltage, oil circuit-breakers at a number of transformer stations referred to in the 1949 Report was completed in 1950.

#### EASTERN, EAST CENTRAL, AND GEORGIAN BAY REGIONS

**Barrie**—The capacity of the transformer station was increased by the installation of a second 15,000-kva bank in July 1950. The total station capacity is now 30,000 kva.

**Brooklin**—A new 2,000-kva, 44/8-kv distributing station was placed in service in November 1950.

**Cassburn**—A new 1,500-kva, 115/8-kv distributing station is being designed. The station is tentatively scheduled for service in October 1951.

**Cobourg**—The transformer capacity of the distributing station was increased from 2,250 to 4,000 kva.

**Durham**—The capacity of the distributing station is being increased from 600 to 2,000 kva.

**Footes Bay**—A new 1,000-kva, 44/12-kv distributing station was placed in service in December 1949.

**Grand Valley**—The capacity of the second distributing station was increased from 600 to 2,000 kva in October 1950.

**Gravenhurst**—A new 2,000-kva, 44/12-kv distributing station is under construction.

**Haliburton**—The capacity of the distributing station is being increased from 1,000 to 2,000 kva. The station is scheduled for completion in January 1951.

**Hinchinbrooke**—The construction of a new 1,500-kva, 115/12-kv distributing station is under way. This station is scheduled for service in May 1951.

**Kingston Mills**—A new 1,000-kva, 44/8-kv distributing station was placed in service in December 1949.

**Mallorytown**—A new 1,000-kva, 44/8-kv distributing station was placed in service in February 1950.

**Napanee**—A new temporary 1,000-kva, 44/8-kv distributing station was placed in service in July 1950.

**Orangeville**—The capacity of the second distributing station was increased from 1,000 to 2,000 kva in July 1950.

**Oshawa**—The capacity of the transformer station is being increased from 30,000 kva to 55,000 kva. This is scheduled for completion in July 1951.

**Ottawa-Overbrook**—A new 15,000-kva, 115/11-kv transformer station was placed in service in September 1950.

**Ottawa-Riverdale**—Work has started at the transformer station on the installation of a third 15,000-kva transformer bank which is scheduled for completion in December 1952.

**Parry Sound**—A new 2,000-kva, 44/12-kv distributing station was placed in service in February 1950.



**Port Perry**—The capacity of the rural station was increased from 750 kva to 2,000 kva in July 1950.

**Richmond**—A new 1,500-kva, 115/8-kv distributing station is under construction and is expected to be in service in January 1951.

**Ross L. Dobbin**—The 115/44-kv capacity of the transformer station is being increased from 30,000 to 50,000 kva and is scheduled for completion in October 1951. This station is on the same site as the 230/115-kv station mentioned under Chenaux Lines and Stations.

**Shelburne**—A new 1,000-kva, 44/8-kv distributing station is under construction.

**Smiths Falls**—The transformer capacity of the station was increased in May 1950 by the temporary installation of a 6,000-kva, 44/26-kv transformer required to supply additional power to the Rideau District.

**Wasaga Beach**—The capacity of the distributing station was increased by the addition of a second 2,000-kva transformer bank in June 1950, bringing the total capacity to 4,000 kva.

**Waubushene**—A new 1,000-kva, 44/8-kv distributing station is under construction and is expected to be in service in February 1951.

**Wingham**—A new 2,000-kva, 44/4-kv distributing station was placed in service in November 1949.

#### THUNDER BAY SYSTEM

**Fort William**—The capacity of the transformer station was being increased from 15,000 kva to 30,000 kva. The new capacity is expected to be in service in July 1952.

#### NORTHERN ONTARIO PROPERTIES

**Bleazard Valley**—The capacity of the distributing station was increased from 600 kva to 2,000 kva in August 1950.

**Coniaurum Mines**—A new 5,000-kva, 26.4/12-kv autotransformer station was placed in service on July 23, 1950.

**Copper Cliff**—A new 115-kv, 60-cycle switching station was placed in service in December 1950. This station supplies 60-cycle power to the International Nickel Company's new mill and new oxygen plant.

**Dome Mines**—A new 5,000-kva, 26.4/12-kv autotransformer station was placed in service in July 1950.

**Englehart**—A new 750-kva, 44/4-kv distributing station was placed in service in September 1950, replacing the old station.

**Haileybury**—The capacity of the distributing station was increased from 1,200 to 2,250 kva in September 1950.

**Hound Chute**—A new 2,000-kva, 11/13.2 kv distributing station was placed in service in April 1950.

**Little Current**—A new 2,000 kva, 44/12-kv distributing station is under construction. This will replace a temporary 600-kva station now in service.

**McIntyre Mines**—A new 10,000-kva, 26.4/12-kv autotransformer station was placed in service in December 1949.

**Moose Lake**—A new 30,000-kva, 115/44-kv transformer station was placed in service in October 1950.

**New Liskeard**—The new 3,600-kva, 60-cycle, 44/11-kv transformer station was placed in service in September 1950.

**South Porcupine**—A new 2,000-kva, 26.4/2.3-kv distributing station was placed in service in June 1950, replacing the old 1,500-kva station.

**Timagami**—A new 1,000-kva, 115/12-kv distributing station was placed in service in February 1950. This station replaces a 500-kva temporary station.

**Timmins**—A new 5,000-kva, 26.4/4-kv distributing station is under construction.

**Warren**—A new 1,000-kva, 115/12-kv distributing station was placed in service in January 1950.

## CHANGES IN TRANSFORMER CAPACITY

DURING FISCAL YEAR ENDED DECEMBER 31, 1950

| Station                    | Type  | Date           | Transformers installed |              |       |              | Transformers removed |       |
|----------------------------|-------|----------------|------------------------|--------------|-------|--------------|----------------------|-------|
|                            |       |                | No.                    | kva          | Ph.   | Total kva    | No                   | kva   |
| SOUTHERN ONTARIO SYSTEM    |       |                |                        |              |       |              |                      |       |
| Acton No. 2.....           | D.S.  | Oct. 13, 1950  | 1                      | 2,000/3,600  | 3     | 2,000/3,600  | .....                | ..... |
| Agincourt.....             | D.S.  | Sept. 1, 1950  | 3                      | 333/600      | 1     | 1,000/1,800  | 3                    | 250   |
| Alliston No. 1.....        | D.S.  | May 14, 1950   | 3                      | 333          | 1     | 1,000        | 3                    | 200   |
| Alvinston.....             | D.S.  | Dec. 23, 1949  | 1                      | 600          | 3     | 600          | 1                    | 300   |
| Angus.....                 | D.S.  | July 13, 1950  | 1                      | 600          | 3     | 600          | .....                | ..... |
| Apple Hill.....            | D.S.  | Sept. 29, 1950 | .....                  | .....        | ..... | .....        | 1                    | 300   |
| Armitage.....              | T.S.  | Aug. 17, 1950  | 1                      | 8,000        | 3     | 8,000        | .....                | ..... |
| .....                      | ..... | .....          | 1                      | 8,000/14,500 | 3     | 8,000/14,500 | .....                | ..... |
| Aurora No. 2.....          | D.S.  | Sept. 25, 1950 | 1                      | 3,000        | 3     | 3,000        | .....                | ..... |
| A. W. Manby.....           | T.S.  | July 4, 1950   | 2                      | 90,000       | 3     | 180,000      | .....                | ..... |
| .....                      | ..... | Sept. 2, 1950  | 2                      | 40,000       | 3     | 80,000       | .....                | ..... |
| Bancroft No. 1.....        | D.S.  | Nov. 3, 1949   | 3                      | 200          | 1     | 600          | .....                | ..... |
| Bancroft No. 2.....        | D.S.  | Nov. 3, 1949   | 1                      | 100          | 1     | 100          | .....                | ..... |
| Barrie.....                | T.S.  | July 17, 1950  | 3                      | 5,000        | 1     | 15,000       | .....                | ..... |
| Barry's Bay.....           | D.S.  | Mar. 23, 1950  | 3                      | 250          | 1     | 750          | .....                | ..... |
| Beeton.....                | D.S.  | May 14, 1950   | 1                      | 300          | 3     | 300          | 1                    | 150   |
| Belle River.....           | D.S.  | April 2, 1950  | 3                      | 667/1,200    | 1     | 2,000/3,600  | 3                    | 333   |
| Berkeley.....              | D.S.  | June 30, 1950  | 3                      | 200          | 1     | 600          | 2                    | 100   |
| Bothwell No. 2.....        | D.S.  | May 28, 1950   | 1                      | 1,000/1,800  | 3     | 1,000/1,800  | .....                | ..... |
| Brooklin.....              | D.S.  | Nov. 22, 1950  | 3                      | 667          | 1     | 2,000        | .....                | ..... |
| Broughdale.....            | D.S.  | Nov. 12, 1950  | 1                      | 2,000/3,600  | 3     | 2,000/3,600  | .....                | ..... |
| Burgoyne.....              | D.S.  | April 16, 1950 | 3                      | 1,500        | 1     | 4,500        | 3                    | 333   |
| Burlington.....            | D.S.  | Nov. 2, 1950   | 3                      | 250          | 1     | 750          | .....                | ..... |
| Camp Borden.....           | D.S.  | July 14, 1950  | .....                  | .....        | ..... | .....        | 3                    | 50    |
| Cardinal.....              | D.S.  | April 23, 1950 | 3                      | 667          | 1     | 2,000        | 3                    | 250   |
| Carlisle.....              | D.S.  | Nov. 6, 1949   | 1                      | 1,000/1,800  | 3     | 1,000/1,800  | .....                | ..... |
| Centralia.....             | D.S.  | Oct. 22, 1950  | 3                      | 667/1,200    | 1     | 2,000/3,600  | 1                    | 600   |
| Cobourg.....               | D.S.  | Nov. 6, 1949   | 2                      | 2,000        | 3     | 4,000        | 3                    | 750   |
| Comber.....                | D.S.  | June 22, 1950  | 1                      | 1,000/1,800  | 3     | 1,000/1,800  | .....                | ..... |
| Cookstown.....             | D.S.  | May 14, 1950   | 1                      | 300          | 3     | 300          | 1                    | 150   |
| Cultus.....                | D.S.  | Dec. 2, 1949   | 1                      | 1,000/1,800  | 3     | 1,000/1,800  | .....                | ..... |
| Dublin.....                | D.S.  | May 10, 1950   | 1                      | 600          | 3     | 600          | 1                    | 300   |
| Dunbarton.....             | D.S.  | Jan. 4, 1950   | 1                      | 1,000/1,800  | 3     | 1,000/1,800  | 1                    | 600   |
| E. V. Buchanan.....        | T.S.  | Oct. 22, 1950  | 2                      | 90,000       | 3     | 180,000      | .....                | ..... |
| Essex No. 2.....           | D.S.  | Feb. 9, 1950   | 1                      | 1,000/1,800  | 3     | 1,000/1,800  | .....                | ..... |
| Etobicoke-Rose-thorne..... | D.S.  | Nov. 26, 1950  | 1                      | 2,000/3,600  | 3     | 2,000/3,600  | .....                | ..... |
| Exeter.....                | D.S.  | April 21, 1950 | 1                      | 1,000/1,800  | 3     | 1,000/1,800  | .....                | ..... |
| Footes Bay.....            | D.S.  | Dec. 8, 1949   | 3                      | 333          | 1     | 1,000        | .....                | ..... |
| Forfar.....                | D.S.  | July 12, 1950  | 1                      | 500          | 1     | 500          | .....                | ..... |
| Galt.....                  | T.S.  | Dec. 10, 1950  | 2                      | 8,000        | 3     | 16,000       | .....                | ..... |
| General Engineering.....   | D.S.  | June 24, 1950  | 1                      | 2,000        | 3     | 2,000        | 1                    | 600   |
| Glen Williams.....         | D.S.  | Jan. 18, 1950  | 3                      | 667/1,200    | 1     | 2,000/3,600  | .....                | ..... |

## CHANGES IN TRANSFORMER CAPACITY

DURING FISCAL YEAR ENDED DECEMBER 31, 1950

| Station                           | Type | Date           | Transformers installed |               |       |                        | Transformers removed |       |
|-----------------------------------|------|----------------|------------------------|---------------|-------|------------------------|----------------------|-------|
|                                   |      |                | No.                    | kva           | Ph.   | Total <sup>1</sup> kva | No.                  | kva   |
| SOUTHERN ONTARIO SYSTEM—Continued |      |                |                        |               |       |                        |                      |       |
| Grand Valley No. 2..              | D.S. | Oct. 22, 1950  | 3                      | 667           | 1     | 2,000                  | 3                    | 200   |
| Grantham Twp.No.1                 | D.S. | April 16, 1950 | 1                      | 2,000         | 3     | 2,000                  | .....                | ..... |
| Grantham Twp.No.2                 | D.S. | Dec. 20, 1950  | 1                      | 2,000/4,000   | 3     | 2,000/4,000            | .....                | ..... |
| Green River.....                  | D.S. | Jan. 29, 1950  | 1                      | 600           | 3     | 600                    | 1                    | 600   |
| Hamilton-Gage.....                | T.S. | Nov. 29, 1949  | 1                      | 25,000        | 3     | 25,000                 | .....                | ..... |
| Hepworth.....                     | D.S. | June 23, 1950  | 3                      | 667           | 1     | 2,000                  | 3                    | 200   |
| Highfield.....                    | D.S. | Dec. 19, 1949  | 1                      | 1,000         | 3     | 1,000                  | .....                | ..... |
| Hollywood.....                    | D.S. | Aug. 27, 1950  | 1                      | 3,000/5,400   | 3     | 3,000/5,400            | 1                    | 1,875 |
| Island Grove.....                 | D.S. | June 28, 1950  | 1                      | 1,000/1,800   | 3     | 1,000/1,800            | 1                    | 600   |
| Jordan.....                       | D.S. | Aug. 26, 1950  | 1                      | 2,000/3,600   | 3     | 2,000/3,600            | 2                    | 300   |
|                                   |      |                |                        |               |       |                        | 1                    | 600   |
| Kemptville.....                   | D.S. | Sept. 3, 1950  | 1                      | 1,000         | 3     | 1,000                  | 1                    | 600   |
| Kingston Mills.....               | D.S. | Dec. 9, 1949   | 3                      | 333           | 1     | 1,000                  | .....                | ..... |
| Kirkfield No. 1.....              | D.S. | Jan. 11, 1950  | .....                  | .....         | ..... | .....                  | 3                    | 150   |
| Kirkfield No. 2.....              | D.S. | Jan. 11, 1950  | 1                      | 1,000         | 3     | 1,000                  | 1                    | 300   |
| London-Nelson.....                | T.S. | Mar. 13, 1950  | 2                      | 15,000/27,000 | 3     | 30,000/54,000          | .....                | ..... |
| London.....                       | T.S. | Feb. 12, 1950  | 1                      | 5,000         | 3     | 5,000                  | .....                | ..... |
| Long Branch.....                  | D.S. | Sept. 6, 1950  | 2                      | 2,000         | 3     | 4,000                  | .....                | ..... |
| Long Branch.....                  | D.S. | Sept. 17, 1950 | .....                  | .....         | ..... | .....                  | 3                    | 500   |
| Mallorytown.....                  | D.S. | Feb. 8, 1950   | 3                      | 333           | 1     | 1,000                  | .....                | ..... |
| Martintown.....                   | D.S. | Mar. 26, 1950  | 3                      | 667           | 1     | 2,000                  | 3                    | 200   |
| McDonalds Corners..               | D.S. | Nov. 30, 1950  | .....                  | .....         | ..... | .....                  | 1                    | 25    |
| Midhurst.....                     | D.S. | June 23, 1950  | 1                      | 1,000         | 3     | 1,000                  | 3                    | 200   |
| Millbrook No. 2....               | D.S. | Aug. 23, 1950  | 3                      | 333           | 1     | 1,000                  | 3                    | 100   |
| Milverton No. 2....               | D.S. | Dec. 4, 1950   | 1                      | 1,000/2,000   | 3     | 1,000/2,000            | .....                | ..... |
| Monkton.....                      | D.S. | Aug. 3, 1950   | 1                      | 1,000/1,800   | 3     | 1,000/1,800            | .....                | ..... |
| Mount Forest.....                 | D.S. | Jan. 29, 1950  | 3                      | 200           | 1     | 600                    | .....                | ..... |
| Napanee.....                      | D.S. | July 21, 1950  | 1                      | 1,000         | 3     | 1,000                  | .....                | ..... |
| Newmarket.....                    | D.S. | Aug. 29, 1950  | 1                      | 2,000         | 3     | 2,000                  | .....                | ..... |
| Norfolk.....                      | T.S. | Dec. 17, 1950  | 1                      | 8,000/14,500  | 3     | 8,000/14,500           | .....                | ..... |
| Orangeville No. 2....             | D.S. | July 23, 1950  | 3                      | 667           | 1     | 2,000                  | 3                    | 333   |
| Oshawa No. 2.....                 | D.S. | June 27, 1950  | .....                  | .....         | ..... | .....                  | 1                    | 3,000 |
| Ottawa-Overbrook...               | T.S. | Sept. 20, 1950 | 3                      | 5,000         | 1     | 15,000                 | .....                | ..... |
| Ottawa No. 3.....                 | D.S. | Mar. 7, 1950   | 3                      | 150           | 1     | 450                    | .....                | ..... |
| Parry Sound.....                  | D.S. | Feb. 21, 1950  | 3                      | 667           | 1     | 2,000                  | .....                | ..... |
| Pinedale.....                     | D.S. | April 25, 1950 | 3                      | 667           | 1     | 2,000                  | 3                    | 250   |
| Port Elgin No. 2....              | D.S. | July 20, 1950  | 1                      | 1,000         | 3     | 1,000                  | 1                    | 300   |
| Port Nelson.....                  | D.S. | June 25, 1950  | 3                      | 667/1,200     | 1     | 2,000/3,600            | 3                    | 250   |
| Port Perry.....                   | D.S. | July 25, 1950  | 3                      | 667           | 1     | 2,000                  | 3                    | 200   |
| Preston No. 2.....                | D.S. | Aug. 22, 1950  | 1                      | 1,000/1,800   | 3     | 1,000/1,800            | .....                | ..... |
| Princeton.....                    | D.S. | April 17, 1950 | 1                      | 600           | 3     | 600                    | .....                | ..... |



## CHANGES IN TRANSFORMER CAPACITY

DURING FISCAL YEAR ENDED DECEMBER 31, 1950

| Station                           | Type      | Date           | Transformers installed |               |       |               | Transformers removed |               |
|-----------------------------------|-----------|----------------|------------------------|---------------|-------|---------------|----------------------|---------------|
|                                   |           |                | No.                    | kva           | Ph.   | Total kva     | No.                  | kva           |
| SOUTHERN ONTARIO SYSTEM—Continued |           |                |                        |               |       |               |                      |               |
| Richmond.....                     | D.S.      | Dec. 18, 1950  | 3                      | 500           | 1     | 1,500         | .....                | .....         |
| Rifle Ranges-Toronto Twp....      | D.S.      | Feb. 26, 1950  | 3                      | 667/1,200     | 1     | 2,000/3,600   | 3                    | 250           |
| Ross L. Dobbin.....               | T.S.      | Nov. 19, 1950  | 1                      | 70,000        | 3     | 70,000        | .....                | .....         |
| Ross L. Dobbin.....               | T.S.      | Sept. 1, 1950  | 1                      | 15,000        | 3     | 15,000        | .....                | .....         |
| Rothsay.....                      | D.S.      | Dec. 16, 1949  | 1                      | 1,000/1,800   | 3     | 1,000/1,800   | .....                | .....         |
| St. Catharines.....               | T.S.      | Dec. 3, 1950   | 2                      | 15,000/27,000 | 3     | 30,000/54,000 | .....                | .....         |
| St. Clair.....                    | T.S.      | Nov. 8, 1950   | 3                      | 9,000/12,000  | 1     | 27,000/36,000 | .....                | .....         |
| St. Jacobs.....                   | D.S.      | Jan. 22, 1950  | 1                      | 1,000/1,800   | 3     | 1,000/1,800   | 3                    | 250           |
| Sarnia Beach.....                 | D.S.      | April 27, 1950 | 1                      | 2,000/3,600   | 3     | 2,000/3,600   | .....                | .....         |
| Scarborough-August.....           | D.S.      | Oct. 5, 1950   | 1                      | 3,000         | 3     | 3,000         | .....                | .....         |
| Scarborough.....                  | F.C.&T.S. | Dec. 8, 1950   | .....                  | .....         | ..... | .....         | 2                    | 8,000         |
| Scarborough.....                  | F.C.&T.S. | Dec. 2, 1949   | 2                      | 15,000/27,000 | 3     | 30,000/54,000 | .....                | .....         |
| Scarborough.....                  | F.C.&T.S. | Sept. 1, 1950  | 2                      | 25,000        | 3     | 50,000        | 2                    | 15,000/27,000 |
| Scarborough Twp. No. 2.....       | D.S.      | Dec. 3, 1949   | 1                      | 2,000/3,600   | 3     | 2,000/3,600   | 1                    | 600           |
| Seaforth.....                     | D.S.      | Oct. 18, 1949  | 3                      | 200           | 1     | 600           | 3                    | 75            |
| Smiths Falls.....                 | T.S.      | May 26, 1950   | 1                      | 6,000         | 3     | 6,000         | .....                | .....         |
| Smiths Falls No. 2.....           | D.S.      | June 3, 1950   | 3                      | 250           | 1     | 750           | 3                    | 100           |
| Smithville No. 2.....             | D.S.      | Dec. 14, 1949  | 1                      | 600           | 3     | 600           | .....                | .....         |
| Snow Road.....                    | D.S.      | Nov. 30, 1950  | 3                      | 100           | 1     | 300           | 3                    | 37.5          |
| Stevensville.....                 | D.S.      | Nov. 3, 1949   | 1                      | 600           | 3     | 600           | .....                | .....         |
| Strathroy.....                    | T.S.      | Dec. 4, 1950   | 1                      | 8,000/14,500  | 3     | 8,000/14,500  | .....                | .....         |
| Stratford.....                    | T.S.      | May 28, 1950   | 1                      | 8,000         | 3     | 8,000         | .....                | .....         |
| Thorndale.....                    | D.S.      | Aug. 9, 1950   | 1                      | 1,000/1,800   | 3     | 1,000/1,800   | .....                | .....         |
| Tillsonburg.....                  | T.S.      | May 21, 1950   | 1                      | 8,000         | 3     | 8,000         | .....                | .....         |
| Toronto-Esplanade.....            | T.S.      | Oct. 31, 1949  | 2                      | 25,000/45,000 | 3     | 50,000/90,000 | .....                | .....         |
| Toronto-Gerrard.....              | T.S.      | Nov. 17, 1949  | 4                      | 6,250         | 3     | 25,000        | .....                | .....         |
| Toronto-Wiltshire.....            | T.S.      | Dec. 1, 1950   | 6                      | 6,000/10,800  | 1     | 36,000/64,800 | .....                | .....         |
| Tottenham.....                    | D.S.      | Mar. 30, 1950  | 1                      | 600           | 3     | 600           | 1                    | 200           |
| Unionville.....                   | D.S.      | Dec. 20, 1949  | 3                      | 667           | 1     | 2,000         | 1                    | 600           |
| Wallace.....                      | D.S.      | April 6, 1950  | 1                      | 1,000/1,800   | 3     | 1,000/1,800   | .....                | .....         |
| Wallaceburg.....                  | D.S.      | April 2, 1950  | .....                  | .....         | ..... | .....         | 1                    | 1,500         |
| Wasaga Beach.....                 | D.S.      | June 30, 1950  | 3                      | 667           | 1     | 2,000         | .....                | .....         |
| Waterford No. 2.....              | D.S.      | Feb. 9, 1950   | 1                      | 1,000         | 3     | 1,000         | .....                | .....         |
| Watford.....                      | D.S.      | Dec. 21, 1950  | 1                      | 1,000         | 3     | 1,000         | .....                | .....         |
| Warton No. 2.....                 | D.S.      | June 4, 1950   | 3                      | 333           | 1     | 1,000         | 3                    | 100           |
| Windsor-Academy.....              | D.S.      | Nov. 21, 1949  | 1                      | 2,000/3,600   | 3     | 2,000/3,600   | .....                | .....         |
| Wingham No. 2.....                | D.S.      | Nov. 6, 1949   | 3                      | 667           | 1     | 2,000         | .....                | .....         |
| York.....                         | T.S.      | June 30, 1950  | .....                  | .....         | ..... | .....         | 3                    | 5,000         |
| THUNDER BAY SYSTEM                |           |                |                        |               |       |               |                      |               |
| Cameron Falls.....                | T.S.      | April 16, 1950 | 3                      | 3,500         | 1     | 10,500        | 3                    | 1,500         |
| Nipigon.....                      | D.S.      | Nov. 9, 1950   | 1                      | 500           | 1     | 500           | .....                | .....         |

**CHANGES IN TRANSFORMER CAPACITY**  
**DURING FISCAL YEAR ENDED DECEMBER 31, 1950**

| Station                           | Type   | Date           | Transformers installed |        |     |           | Transformers removed |     |
|-----------------------------------|--------|----------------|------------------------|--------|-----|-----------|----------------------|-----|
|                                   |        |                | No.                    | kva    | Ph. | Total kva | No.                  | kva |
| NORTHERN ONTARIO PROPERTIES       |        |                |                        |        |     |           |                      |     |
| Birch Island.....                 | D.S.   | July 23, 1950  | 1                      | 200    | 1   | 200       | ..                   | ..  |
| Bleazard Valley.....              | D.S.   | Aug. 11, 1950  | 3                      | 667    | 1   | 2,000     | 3                    | 200 |
| Coniaurum Mines.....              | A.T.S. | July 23, 1950  | 1                      | 5,000  | 3   | 5,000     | ..                   | ..  |
| Dome Mines.....                   | A.T.S. | July 1, 1950   | 1                      | 5,000  | 3   | 5,000     | ..                   | ..  |
| Dryden.....                       | D.S.   | Feb. 8, 1950   | 3                      | 200    | 1   | 600       | ..                   | ..  |
| Earlton.....                      | D.S.   | Oct. 10, 1950  | ..                     | ..     | ..  | ..        | 2                    | 250 |
| Englehart.....                    | D.S.   | Sept. 3, 1950  | 3                      | 250    | 1   | 750       | ..                   | ..  |
| Fort Frances.....                 | D.S.   | Dec. 8, 1950   | 3                      | 333    | 1   | 1,000     | 3                    | 100 |
| Haileybury.....                   | D.S.   | Sept. 11, 1950 | 3                      | 750    | 1   | 2,250     | 3                    | 400 |
| Hound Chute.....                  | D.S.   | April 12, 1950 | 3                      | 667    | 1   | 2,000     | ..                   | ..  |
| Hunta.....                        | S.S.   | Jan. 29, 1950  | 3                      | 50     | 1   | 150       | ..                   | ..  |
| Kenora.....                       | D.S.   | Feb. 3, 1950   | 3                      | 100    | 1   | 300       | ..                   | ..  |
| Mattawa.....                      | D.S.   | Dec. 14, 1949  | 2                      | 250    | 1   | 500       | ..                   | ..  |
| McIntyre Mines.....               | A.T.S. | Dec. 11, 1949  | 2                      | 5,000  | 3   | 10,000    | ..                   | ..  |
| Moose Lake.....                   | T.S.   | Oct. 1, 1950   | 2                      | 15,000 | 3   | 30,000    | ..                   | ..  |
| New Liskeard.....                 | T.S.   | Sept. 17, 1950 | 1                      | 3,600  | 3   | 3,600     | ..                   | ..  |
| North Bay.....                    | T.S.   | Oct. 22, 1950  | 2                      | 8,000  | 3   | 16,000    | ..                   | ..  |
| Schumacher.....                   | D.S.   | Jan. 17, 1950  | ..                     | ..     | ..  | ..        | 3                    | 333 |
| South Porcupine<br>(Old Stn)..... | D.S.   | Aug. 3, 1950   | ..                     | ..     | ..  | ..        | 3                    | 500 |
| South Porcupine<br>(New Stn)..... | D.S.   | June 25, 1950  | 3                      | 667    | 1   | 2,000     | ..                   | ..  |
| Sudbury No. 2.....                | D.S.   | Oct. 12, 1950  | 3                      | 667    | 1   | 2,000     | ..                   | ..  |
| Swastika.....                     | D.S.   | Nov. 20, 1949  | ..                     | ..     | ..  | ..        | 3                    | 100 |
| Timagami.....                     | D.S.   | Feb. 26, 1950  | 1                      | 1,000  | 3   | 1,000     | 1                    | 500 |
| Warren.....                       | D.S.   | Jan. 14, 1950  | 1                      | 1,000  | 3   | 1,000     | ..                   | ..  |

## TOTAL TRANSFORMER STEP-DOWN CAPACITY

| System and voltage              | Fre-<br>quency<br>cycles | Capacity in kva              |                          |                              |
|---------------------------------|--------------------------|------------------------------|--------------------------|------------------------------|
|                                 |                          | Total at<br>Oct. 31,<br>1949 | Net<br>additions<br>1950 | Total at<br>Dec. 31,<br>1950 |
| SOUTHERN ONTARIO SYSTEM         |                          |                              |                          |                              |
| 230,000-volt . . . . .          | 25                       | 720,000                      | 180,000                  | 900,000                      |
| 230,000-volt . . . . .          | 60                       | .....                        | 330,000                  | 330,000                      |
| 115,000-volt . . . . .          | 25                       | 1,458,850                    | 182,000                  | 1,640,850                    |
| 115,000-volt . . . . .          | 60                       | 290,250                      | 167,100                  | 457,350                      |
| 44,000-volt . . . . .           | 60                       | 168,850                      | 28,000                   | 196,850                      |
| 44,000-volt . . . . .           | 66⅔                      | 7,000                        | 750                      | 7,750                        |
| 33,000-volt . . . . .           | 60                       | 11,720                       | .....                    | 11,720                       |
| 26,400-volt . . . . .           | 25                       | 224,325                      | 44,200                   | 268,525                      |
| 26,400-volt . . . . .           | 60                       | 8,025                        | 66,475                   | 74,500                       |
| 22,000-volt . . . . .           | 60                       | 10,400                       | 1,250*                   | 9,150                        |
| 22,000-volt . . . . .           | 66⅔                      | 2,010                        | 4,500                    | 6,510                        |
| 13,200-volt . . . . .           | 25                       | 77,225                       | 5,850                    | 83,075                       |
| 13,200-volt . . . . .           | 60                       | 350                          | .....                    | 350                          |
| Less than 13,200-volt . . . . . | 60                       | 8,650                        | 600                      | 9,250                        |
| THUNDER BAY SYSTEM              |                          |                              |                          |                              |
| 115,000-volt . . . . .          | 60                       | 93,433                       | 317                      | 93,750                       |
| 44,000-volt . . . . .           | 60                       | 1,200                        | .....                    | 1,200                        |
| 22,000-volt . . . . .           | 60                       | 4,000                        | .....                    | 4,000                        |
| NORTHERN ONTARIO PROPERTIES     |                          |                              |                          |                              |
| 132,000/115,000-volt . . . . .  | 25                       | 202,270                      | .....                    | 202,270                      |
| 132,000/115,000-volt . . . . .  | 60                       | 16,500                       | 47,500                   | 64,000                       |
| 69,000-volt . . . . .           | 60                       | 3,750                        | .....                    | 3,750                        |
| 44,000-volt . . . . .           | 25                       | 24,500                       | .....                    | 24,500                       |
| 44,000-volt . . . . .           | 60                       | 25,450                       | 4,284                    | 29,734                       |
| 26,400-volt . . . . .           | 25                       | 30,235                       | 22,000                   | 52,235                       |
| 22,000-volt . . . . .           | 60                       | 5,750                        | 3,900                    | 9,650                        |
| 12,000-volt . . . . .           | 25                       | 14,125                       | 2,800*                   | 11,325                       |
| 12,000-volt . . . . .           | 60                       | 8,250                        | 3,050                    | 11,300                       |
| Less than 12,000-volt . . . . . | 25                       | 825                          | .....                    | 825                          |
| Less than 12,000-volt . . . . . | 60                       | 8,725                        | 4,050                    | 12,775                       |

\*Removals.

## TRANSMISSION LINE CHANGES AND ADDITIONS

MADE DURING THE FISCAL YEAR ENDED DECEMBER 31, 1950

## SOUTHERN ONTARIO SYSTEM

## HIGH-VOLTAGE LINES

Two 230-kv, single-circuit, and one 230-kv, double-circuit, steel-tower transmission lines were built from Des Joachims Generating Station 94.10 miles to Minden Switching Station. These three lines are parallel to each other.

A 230-kv, single-circuit, steel-tower transmission line was built from Minden Switching Station 74.55 miles to Holland Landing.

A second 230-kv, single-circuit, steel-tower transmission line was built from Minden Switching Station 74.64 miles to Holland Landing.

From Holland Landing the above two lines joined a new 230-kv, double-circuit, steel-tower transmission line 32.07 miles to Richview Junction.



A 230-kv, double-circuit, steel-tower transmission line was built from Richview Junction 3.91 miles to A. W. Manby Transformer Station and Service Centre.

A 230-kv, double-circuit, steel-tower transmission line was built from Richview Junction 28.50 miles to Burlington Transformer Station.

A 230-kv, double-circuit, steel-tower transmission line was built from Minden Switching Station 75.45 miles to Essa Transformer Station.

A 230-kv, double-circuit, steel-tower transmission line was built from Essa Transformer Station 121.50 miles to E. V. Buchanan Transformer Station.

A 230-kv, single-circuit, steel-tower transmission line was built from Otto Holden Generating Station 56.61 miles to Des Joachims Generating Station.

A 230-kv, single-circuit, steel-tower transmission line was built from Chenaux Generating Station 28.99 miles to a point on the Barrett Chute-to-Oshawa line, 95.76 miles of which were used to complete the line to Ross L. Dobbin Transformer Station.

A 230-kv, double-circuit, steel-tower transmission line was built from Burlington Transformer Station 15.75 miles to Mount Hope Junction.

A 230-kv, double-circuit, steel-tower transmission line was built from Masson Generating Station 3.26 miles to Cumberland Junction. One circuit will operate at 115,000 volts.

A 115-kv, double-circuit, steel-tower transmission line was built from Speedsville Junction 3.89 miles to Galt Transformer Station.

A 115-kv, double-circuit, steel-tower transmission line was built from E. V. Buchanan Transformer Station 3.50 miles to London-Nelson Transformer Station.

A 115-kv, double-circuit, steel-tower transmission line was built from Armitage Junction 0.82 mile to Armitage Transformer Station.

A 115-kv, single-circuit, steel-tower transmission line was built from Scarborough Frequency-Changer and Transformer Station 4.90 miles to Leaside Junction.

A 115-kv circuit was added to the double-circuit steel-tower line from Scarborough Frequency-Changer and Transformer Station 4.90 miles to Leaside Junction. The first circuit built in 1946 was used until May 1950 as part of the 115-kv line from Scarborough to Barrie.

A 115-kv, double-circuit, steel-tower transmission line was built from Leaside Junction 26.84 miles to A. W. Manby Transformer Station and Service Centre.

A 115-kv, single-circuit, wood-pole transmission line was built from Louth Junction 2.29 miles to St. Catharines Transformer Station.

A 115-kv, double-circuit, steel-tower transmission line was built from Sydenham Junction 3.02 miles to Strathroy Transformer Station.

A 115-kv, double-circuit, steel-tower transmission line was built from E. V. Buchanan Transformer Station 2.75 miles to London Transformer Station.

A 115-kv, 4-circuit, steel-tower transmission line was built from A. W. Manby Transformer Station and Service Centre 5.37 miles to St. Clair Avenue Junction.

A 115-kv, 4-circuit, steel-tower transmission line was built from St. Clair Avenue Junction 0.41 mile to Wiltshire Junction.

A 115-kv, single-circuit, wood-pole transmission line was built from Cranberry Junction 2.21 miles to Tillsonburg Transformer Station.

A second 115-kv circuit was added to double-circuit steel towers from Scott Street Junction 1.64 miles to Sarnia Transformer Station.

A 115-kv, double-circuit, steel-tower transmission line was built from Scott Street Junction 1.62 miles to Sitter Avenue Junction. This line replaced a single-circuit, steel-tower line between the same points built in 1946.

A 115-kv, single-circuit, wood-pole transmission line was built from Sitter Avenue Junction 0.39 mile to St. Clair Transformer Station.

A 115-kv, single-circuit, steel-tower transmission line was built from Ross L. Dobbin Transformer Station 27.25 miles to a point on the Barrett Chute-to-Oshawa line, 13.60 miles of which were used to complete the line to Oshawa Transformer Station.

A portion of 115-kv, single-circuit, wood-pole line 0.94 mile was rerouted between Bryson Generating Station and Haley Switching Station.

A 115-kv, single-circuit, steel-tower transmission line was built from Barrett Chute Generating Station 72.84 miles to Frontenac Transformer Station.

A 115-kv, single-circuit tap was extended 0.02 mile to Ottawa-Overbrook Transformer Station.

A 115-kv, double-circuit, steel-tower transmission line was removed between York Transformer Station and Islington Junction, a distance of 1.31 miles.

Two 115-kv, double-circuit, steel-tower transmission lines, each 4.50 miles long, were removed between Islington Junction and Wiltshire Junction.

### LOW-VOLTAGE LINES

#### TORONTO, NIAGARA, WEST CENTRAL, AND WESTERN REGIONS

**Brant District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Canning Junction 6.53 miles to Princeton Distributing Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Bank Street Junction 0.80 mile to Simcoe Municipal Station No. 2.

A 26.4-kv, single-circuit, wood-pole transmission line was built from St. Williams Distributing Station 11.13 miles to Cultus Distributing Station.

A 26.4-kv tap was made to Waterford Distributing Station No. 2.

**Cooksville District**—One 13.2-kv line section from Queen Street Junction 1.56 miles to Brampton Distributing Station was reinsulated and the voltage was raised to 26,400 volts.

Four other sections of 13.2-kv line totalling 15.45 miles were reinsulated for 26.4-kv operation and transferred to the Kipling District lines.

**Dominion Power District**—A 44-kv tap was made to the Hayes Steel Products Limited.

A 44-kv, single-circuit, wood-pole transmission line was built from Ferro Junction 0.13 mile to Ferro Enamels Station.

A 44-kv, single-circuit, wood-pole transmission line was built from DeCew Generating Station 2.69 miles to Burgoyne Distributing Station.

A portion of 10-kv, single-circuit, wood-pole line was rerouted a distance of 0.28 mile between Hamilton-Victoria Municipal Station and Canada Crushed Stone Company.

**Dundas District**—A 26.4-kv tap was made to Dundas Municipal Station No. 3.

Five sections of 13.2-kv line totalling 18.74 miles were reinsulated for 44-kv operation and voltage raised to 26.4-kv.

**Essex District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Intersection Road Junction 0.38 mile to Essex Distributing Station No. 2.

A portion of 26.4-kv, single-circuit, wood-pole transmission line was rerouted, east of Kingsville, 0.80 mile to clear a drainage ditch.

**Fairbank-Armitage District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Ranee Junction 0.91 mile to North York Township Municipal Station (Ranee Avenue).

A 26.4-kv, single-circuit, wood-pole transmission line was built from Forest Hill Municipal Station No. 1, 0.70 mile to Forest Hill Municipal Station No. 2.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Willowdale Regulator Station 1.03 miles to North York Township Municipal Station (Sheppard Avenue).

A 26.4-kv, single-circuit, wood-pole transmission line was built from Armitage Transformer Station 0.48 mile to Newmarket Junction.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Armitage Transformer Station 0.67 mile to Newmarket Distributing Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Ringwood Junction 1.54 miles to Stouffville Distributing Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Tyler Street Junction 0.10 mile to Aurora Distributing Station No. 2.

The Commission acquired from the Toronto Transportation Commission the poles and rights-of-way for four existing sections of 26.4-kv line on North Yonge Street totalling 5.85 miles.

**Guelph District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Queen Street Junction 0.37 mile to Acton Distributing Station No. 2.

Eleven sections of 13.2-kv line totalling 39.49 miles were reinsulated for 26.4-kv operation and the voltage was raised to 26,400 volts.

**Hamilton District**—A portion of 13.2-kv circuit, which was carried on the west side of former 60-kv steel towers, was removed from Windermere Junction 1.76 miles to Burlington Beach Distributing Station.

A portion of the former 90-kv, Toronto and Niagara Power Company, steel-tower line, erected in 1913, was used to provide a new 13.2-kv circuit from Windermere Junction to Burlington Beach Distributing Station, a distance of 1.76 miles.

**Kent District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Chatham Generating Station 0.68 mile to Chatham Municipal Station No. 4.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Peltier Street Junction 5.82 miles to Comber Distributing Station.

A 26.4-kv tap was made to Bothwell Distributing Station No. 2.

A 26.4-kv, single-circuit, wood-pole line was restrung with heavier conductor from Rondeau Junction to Rondeau Distributing Station.

**Kipling District**—A 26.4-kv tap, 0.10 mile, was made to the Coleman Lamp Company Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Horner Avenue Junction 0.30 mile to Ontario Reformatory.

A second 26.4-kv circuit was added to the wood-pole line from Horner Avenue Junction 0.85 mile to New Toronto Distributing Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Churchville Junction 3.14 miles to Queen Street Junction.

Five sections of 13.2-kv transmission line totalling 18.65 miles, reinsulated in 1949, were raised to 26,400 volts.

A 26.4-kv, single-circuit, wood-pole transmission line was built from A. W. Manby Transformer Station and Service Centre 5.84 miles to Malton Junction.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Malton Junction 2.60 miles to Avro Junction.

A 26.4-kv, single-circuit, wood-pole transmission line was built from A. W. Manby Transformer Station and Service Centre 2.23 miles to Leary Avenue Junction.

A 26.4-kv, double-circuit, wood-pole transmission line was built from Leary Avenue Junction 0.24 mile to Fourth Street Junction.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Fourth Street Junction 0.26 mile to Horner Avenue Junction.

**Kitchener District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from First Street Junction 1.21 miles to Elmira Municipal Station No. 1.

A 26.4-kv, single-circuit, wood-pole transmission line was built from First Street Junction 0.53 mile to Elmira Municipal Station No. 2.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Kitchener Transformer Station 6.86 miles to Waterloo Distributing Station. A second circuit was erected on twenty poles for 0.44 mile and is part of a revision to the line from Kitchener Transformer Station to Mannheim Junction.

Eight sections of 13.2-kv line totalling 27.19 miles were reinsulated during 1949 and 1950 and the voltage was raised to 26,400 volts.



**London District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from London Transformer Station 4.42 miles to General Motors Corporation.

A 26.4-kv tap was made to Exeter Distributing Station No. 2.

A 26.4-kv, single-circuit, wood-pole transmission line was built from McWilliams Junction 6.80 miles to Thorndale Distributing Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Broughdale Distributing Station No. 1, 0.23 mile to Broughdale Distributing Station No. 2. It is in operation at 13.2 kv.

**Preston District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Galt Transformer Station 1.36 miles to Galt Distributing Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Galt Transformer Station 1.20 miles to Dundas Road Junction.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Galt Transformer Station 0.80 mile to Samuelson Junction. The above three lines will operate initially at 13,200 volts.

**Scarborough-Leaside Districts**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Dentonia Junction 0.47 mile to Nash-Kelvinator Company.

A 26.4-kv, double-circuit, wood-pole transmission line was built from Scarborough Transformer Station 8.65 miles to Toronto-Gerrard Transformer Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Agincourt Distributing Station 7.58 miles to Mount Joy Junction.

A 26.4-kv, single-circuit, wood-pole transmission line from Birchmount Junction 0.61 mile to General Engineering Distributing Station was purchased.

Sixteen sections of 13.2-kv line totalling 8.04 miles were changed to 26.4-kv operation. These sections were formerly fed from Toronto-Leaside Transformer Station but are now connected to Scarborough Frequency-Changer and Transformer Station.

**St. Clair District**—A second 26.4-kv circuit was added to existing poles from St. Clair Transformer Station 1.15 miles to Kenny Street Junction.

A second 26.4-kv circuit was added to existing poles from Sarnia Transformer Station 1.23 miles to Kenny Street Junction.

**Stratford District**—A 26.4-kv tap was made to Milverton Distributing Station No. 2.

An extension of the 26.4-kv, single-circuit, wood-pole transmission line was built from Monkton 1.39 miles to Monkton Distributing Station.

A 26.4-kv tap was made to Wallace Distributing Station.

**Strathroy District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Strathroy Transformer Station 11.08 miles to Brown Creek Junction.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Brown Creek Junction 11.12 miles to Thedford Junction.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Brown Creek Junction 1.19 miles to Andrews Wire Works.

**Thorold District**—A 12-kv, single-circuit, wood-pole transmission line was built from Ontario Street Junction 1.15 miles to Grantham Distributing Station.

A 12-kv, single-circuit, wood-pole transmission line was built from St. Catharines Transformer Station 0.20 mile to Richardson Junction.

A 12-kv, single-circuit, wood-pole transmission line was restrung with heavier conductor from Richardson Junction 0.57 mile to Ontario Street Junction.

**Woodstock District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Tillsonburg Transformer Station 0.32 mile to Fourth Street Junction.

**York District**—A second circuit was added to the 26.4-kv line from Avro Junction 0.17 mile to A. V. Roe Limited.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Malton Junction 2.60 miles to Avro Junction.

A 26.4-kv, single-circuit, wood-pole transmission line was restrung with heavier conductor from Weston Junction 1.79 miles to Albion Park Junction.

A 26.4-kv, single-circuit, wood-pole transmission line was restrung with heavier conductor from Albion Park Junction 1.15 miles to Albion Park Distributing Station.

One 26.4-kv circuit of a double-circuit wood-pole transmission line was restrung with heavier conductor from Bering Avenue Junction 0.52 mile to Islington Distributing Station.

#### EASTERN, EAST CENTRAL, AND GEORGIAN BAY REGIONS

**Bala District**—A 44-kv tap was made to Parry Sound Distributing Station.

A 44-kv tap was made to Footes Bay Distributing Station.

**Central District**—A 44-kv, single-circuit, wood-pole transmission line was built from Perth Road Junction 5.13 miles to Kingston Mills Distributing Station.

The 44-kv, double-circuit portion of the wood-pole transmission line between Curve Inn Junction 1.02 miles to Bowmanville Distributing Station was rebuilt as a single circuit.

A 44-kv, single-circuit, wood-pole transmission line was built from Bowmanville Distributing Station 1.25 miles to intersect the line to Whitby Junction.

A portion of the 44-kv, single-circuit, wood-pole transmission line between Bowmanville Distributing Station and Whitby Junction 0.26 mile in length was removed.

A 44-kv, single-circuit, wood-pole transmission line from Cavan Junction 1.69 miles to Lindsay Junction was removed.

A portion of the 44-kv, single-circuit, wood-pole transmission line between Cavan Junction and Auburn Switching Station 0.36 mile in length was removed.

A portion of the 44-kv, single-circuit, wood-pole transmission line between Lindsay Junction and Auburn Switching Station 1.96 miles in length was removed.

A 44-kv, single-circuit, wood-pole transmission line was built from Ross L. Dobbin Transformer Station 4.31 miles to Lindsay Junction.

A 44-kv, single-circuit, wood-pole transmission line was built from Ross L. Dobbin Transformer Station for 1.45 miles and connected to 3.52 miles of existing 44-kv line to Lindsay Junction.

A 44-kv, single-circuit, wood-pole transmission line was built from Ross L. Dobbin Transformer Station for 2.16 miles and connected to 3.20 miles of existing 44-kv line to Auburn Switching Station.

A 44-kv, single-circuit, wood-pole transmission line was built from Ross L. Dobbin Transformer Station for 0.65 mile and connected to 4.01 miles of existing 44-kv line to Auburn Switching Station.

A 44-kv, single-circuit, wood-pole transmission line was built from Ross L. Dobbin Transformer Station for 0.68 mile and connected to 3.65 miles of existing 44-kv line to Cavan Junction.

A 44-kv tap was made to Brooklin Distributing Station.

A 44-kv, single-circuit, wood-pole transmission line was built from Oshawa Distributing Station No. 2, 0.70 mile to Oshawa Municipal Station No. 1.

A 44-kv, single-circuit, wood-pole transmission line was built from Bowmanville Distributing Station 0.24 mile to Bowmanville Municipal Station.

A 44-kv, single-circuit, wood-pole transmission line was partly rerouted for 0.47 mile between Lakefield Generating Station and Auburn Switching Station.

**Eugenia District**—A 44-kv tap was made to Mount Forest Distributing Station No. 2.

A 44-kv tap was made to Wingham Distributing Station No. 2.

A 44-kv, single-circuit, wood-pole transmission line was built from Owen Sound (Kennedy) Distributing Station 0.06 mile to Owen Sound Municipal Station No. 2.

A 44-kv, single-circuit, wood-pole transmission line was built from Rockford Junction 4.69 miles to Owen Sound Municipal Station No. 2.

A 44-kv, single-circuit, wood-pole transmission line was built from Owen Sound Transformer Station 0.31 mile to Owen Sound Distributing Station No. 2.

A 44-kv, single-circuit line between Kilsyth Distributing Station and Owen Sound Municipal Station was cut opposite Owen Sound Transformer Station and rerouted into and out of this station.

A 44-kv, single-circuit, wood-pole transmission line was built from Owen Sound Transformer Station 1.73 miles to Rockford Junction.

A 44-kv, single-circuit, wood-pole transmission line was built, 0.11 mile, from Owen Sound Distributing Station No. 2 to connect to an existing circuit, 1.25 miles, which is used to Rockford Junction. This 1.25-mile circuit was restrung.

A 44-kv tap was made to Hanover Distributing Station No. 2.

**Madawaska District**—A 44-kv, single-circuit, wood-pole transmission line was built from Killaloe Junction 13.47 miles to Barry's Bay Distributing Station. This section will be operated at 12,000 volts temporarily.

**St. Lawrence District**—A 44-kv, single-circuit, wood-pole transmission line was built from Manitoba Junction 14.21 miles to Mallorytown Distributing Station.

A 44-kv, single-circuit, wood-pole transmission line from Hoople Street Junction 0.61 mile to Cornwall Distributing Station was purchased from Peebles Products Limited.

A portion of 44-kv, single-circuit, wood-pole transmission line between Cornwall Transformer Station and Howard Smith Paper Mills Distributing Station was rerouted a distance of 0.61 mile to clear the highway.

A 44-kv tap to Apple Hill Distributing Station was removed.

**Severn District**—A 22-kv, single-circuit, wood-pole line from Allandale Junction 1.73 miles to Painswick Distributing Station was removed.

A 22-kv temporary circuit from Painswick Distributing Station 4.81 miles to Thornton Junction was removed.

A 22-kv temporary circuit from Thornton Junction 5.99 miles to Bradford Junction was removed.

Six sections of 22-kv transmission line totalling 23.20 miles were rebuilt and reinsulated, and voltage was raised to 44-kv operation.

**Waddell District**—Three sections of 22-kv transmission line totalling 22.05 miles were reinsulated and the voltage was raised to 44,000 volts.

### THUNDER BAY SYSTEM

A 22-kv, single-circuit, wood-pole transmission line was built from Fort William Transformer Station 1.21 miles to Leland Avenue Junction.

A rearrangement of circuits at William Street Junction resulted in the removal of one circuit on 22-kv operation on the 115-kv steel-tower transmission line between William Street Junction and Fort William Transformer Station, a distance of 2.53 miles.

At the same time, a portion of the 115-kv wood-pole transmission line from William Street Junction 2.26 miles to Leland Avenue Junction was reduced to 22-kv operation.

### NORTHERN ONTARIO PROPERTIES

**Abitibi District**—A 26.4-kv, single-circuit, wood-pole transmission line was built from Ramore Transformer Station 10.40 miles to Canadian Johns-Manville Company Limited.

A 26.4-kv tap was made to Schumacher Distributing Station 0.07 mile.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Hollinger Transformer Station 1.18 miles to McIntyre Junction.



A 26.4-kv, single-circuit, wood-pole transmission line was built from McIntyre Junction 0.26 mile to McIntyre Mines.

A 26.4-kv, single-circuit, wood-pole transmission line was built from McIntyre Junction 1.02 miles to Coniaurum Mines Autotransformer Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Ray Hill Junction 0.75 mile to Coniaurum Mines Autotransformer Station.

A 26.4-kv, single-circuit, wood-pole transmission line was built from Paymaster Consolidated Mines 0.90 mile to Dome Mines Autotransformer Station.

A 26.4-kv, single-circuit, wood-pole transmission line extension, 0.52 mile in length, was built to the existing line to Nickel Offsets Limited.

**Nipissing District**—A 22-kv, single-circuit, wood-pole transmission line was built from Mattawa River Junction 0.45 mile to Mattawa Distributing Station.

**Patricia District**—A 22-kv, single-circuit, wood-pole transmission line between Crow River Transformer Station and Central Patricia Junction, 0.30 mile in length, was rebuilt and restrung.

A 22-kv, single-circuit, wood-pole transmission line between Central Patricia Junction and Pickle Crow Junction, 4.39 miles, in length was rebuilt and restrung.

A 22-kv, single-circuit, wood-pole transmission line between Pickle Crow Junction and Pickle Crow Mine, 0.26 mile in length, was rebuilt and restrung.

A 22-kv, single-circuit, wood-pole transmission line between Pickle Crow Junction and Pickle Crow (Winoga) Mine, 1.22 miles in length, was rebuilt and restrung.

A 44-kv tap was made to Dryden Distributing Station.

**Sudbury District**—A 22-kv tap 0.14 mile in length was made to Sudbury Distributing Station No. 2.

**Timiskaming District**—A 44-kv, single-circuit, wood-pole transmission line was built from Dymond Junction 0.50 mile to New Liskeard Transformer Station.

A 44-kv tap was made to a new Earlton Distributing Station located south of the original station, which has now been removed.

A 44-kv, single-circuit, wood-pole transmission line was rerouted between Lower Sturgeon Generating Station and Timmins Transformer Station, a distance of 0.40 mile, to clear private property.

An 11-kv, single-circuit, wood-pole transmission line was built from New Liskeard Transformer Station 0.97 mile to intersect and connect to 3.63 miles of existing overhauled line to Haileybury Distributing Station.

An 11-kv, single-circuit, wood-pole transmission line was built from New Liskeard Transformer Station 0.19 mile to intersect and connect to 0.63 mile of existing line to New Liskeard Distributing Station.

A portion, 1.14 miles, of 11-kv, single-circuit, wood-pole transmission line between Haileybury Distributing Station and New Liskeard Distributing Station was removed.

An 11-kv, single-circuit, wood-pole transmission line between Cobalt Transformer Station and New Liskeard Distributing Station, a distance of 10.07 miles, was removed.

A 12-kv, single-circuit, wood-pole transmission line between Porcupine Creek Switching Station and Great Northern Distributing Station, a distance of 1.00 mile, was removed.

A 12-kv, single-circuit, wood-pole transmission line between Dome Road Junction and Dome Mines Junction, a distance of 0.62 mile, was sold.

A 12-kv, single-circuit, wood-pole transmission line between Dome Road Junction and Porcupine Creek Switching Station, a distance of 1.30 miles, was sold.

A 12-kv, single-circuit, wood-pole transmission line between Schumacher Transformer Station and Coniaurum Junction, a distance of 1.57 miles, was sold.

## TOTAL MILEAGE OF TRANSMISSION LINES AND CIRCUITS

| System and voltage          | Kind of structures | Line route or structure miles |                    |                        | Circuit miles         |
|-----------------------------|--------------------|-------------------------------|--------------------|------------------------|-----------------------|
|                             |                    | Total at Oct. 31, 1949        | Net additions 1950 | Total at Dec. 31, 1950 | Total at Dec. 31 1950 |
| SOUTHERN ONTARIO SYSTEM     |                    |                               |                    |                        |                       |
| 230,000-volt.....           | steel              | 1,376.76                      | 893.29             | 2,270.05               | 2,693.40              |
| 115,000-volt.....           | steel              | 1,306.11                      | 45.38              | 1,351.49               | 1,994.03              |
| 115,000-volt.....           | wood               | 635.33                        | 4.86               | 640.19                 | 643.84                |
| 60,000-volt.....            | steel              | 20.00                         | .....              | 20.00                  | 21.13                 |
| 60,000-volt.....            | wood               | 0.25                          | .....              | 0.25                   | 0.25                  |
| 44,000-volt and less.....   | steel              | 94.81                         | 1.76               | 96.57                  | 137.20                |
| 44,000-volt and less.....   | wood               | 3,330.72                      | 170.65             | 3,501.37               | 3,947.84              |
| THUNDER BAY SYSTEM          |                    |                               |                    |                        |                       |
| 115,000-volt.....           | steel              | 147.28                        | 76.78              | 224.06                 | 371.22                |
| 115,000-volt.....           | wood               | 178.83                        | 10.34              | 189.17                 | 189.17                |
| 44,000-volt and less.....   | wood               | 176.88                        | 9.25*              | 167.63                 | 205.86                |
| NORTHERN ONTARIO PROPERTIES |                    |                               |                    |                        |                       |
| 132,000-volt.....           | steel              | 382.77                        | 1.56               | 384.33                 | 768.66                |
| 132,000-volt.....           | wood               | 196.09                        | 46.38              | 242.47                 | 242.47                |
| 115,000-volt.....           | steel              | 65.60                         | 8.94               | 74.54                  | 141.13                |
| 115,000-volt.....           | wood               | 212.39                        | 164.81             | 377.20                 | 377.20                |
| 69,000-volt.....            | wood               | 203.72                        | .....              | 203.72                 | 203.72                |
| 44,000-volt and less.....   | wood               | 1,122.35                      | 7.99*              | 1,114.36               | 1,195.64              |
| Totals.....                 | .....              | 9,449.89                      | 1,407.51†          | 10,857.40              | 13,132.76             |

\*Removals.

†Net increase.

NOTE: Circuit miles of 230,000-volt line in the Province of Quebec connected to H-E.P.C. lines=103.47 miles, making a total system interconnected mileage of 2,796.87.

## COMMUNICATIONS—ALL SYSTEMS

## CHANGES AND ADDITIONS MADE

DURING THE FISCAL YEAR ENDED DECEMBER 31, 1950

## SOUTHERN ONTARIO SYSTEM

## Telephone

In Southern Ontario, a 50-pair communication cable was installed between Bronson Municipal Station and the Eastern Regional Office in Ottawa. A 50-pair cable was extended to the Toronto Regional Office from a point on the existing cable system from Head Office to Toronto-Bridgman Transformer Station. A 25-pair communication cable was installed between Allanburg Transformer Station and Thorold Ontario Paper Company Transformer Station. A 25-pair communication cable was installed between Toronto-Gerrard Transformer Station and the Toronto Hydro-Electric System's Station E. A 16-pair communication cable was installed between Galt Transformer Station and Galt Municipal Station, and a 6-pair cable was installed between the Western Regional Office and the London Area Office. A portion of the overhead 50-pair cable between Burlington Transformer Station and Hamilton Beach Transformer Station was placed underground.

The construction of 165.77 circuit miles of telephone line was completed and 101.62 circuit miles of telephone line were replaced or rerouted. Single-story telephone-line carrier-channels were established between the East Central Regional Office and the Ross L. Dobbin Transformer Station and between E. V. Buchanan Transformer Station and St. Clair Transformer Station.

Private automatic telephone exchanges were installed at the West Central Regional Office, the Western Regional Office, the East Central Regional Office, the Eastern Regional Office, and A. W. Manby Service Centre. At the Head Office administration building, an additional 200-

line automatic exchange extension was installed and a third position was added to the existing private branch manual telephone switchboard. A new private branch telephone exchange was installed at High Falls Generating Station to replace the existing equipment. Temporary private automatic and branch telephone exchanges were installed at Chenaux Generating Station and Otto Holden Generating Station, while a double operators' desk was installed at Des Joachims Generating Station.

### **Power-Line Carrier**

Voice duplex power-line carrier-channels were placed in service between Chenaux Generating Station and Ross L. Dobbin Transformer Station; Des Joachims Generating Station and Minden Switching Station; and between Minden Switching Station and A. W. Manby Transformer Station and Service Centre. Single power-line carrier-relay-protection-channels were placed in service between Minden Switching Station and A. W. Manby Transformer Station and Service Centre; A. W. Manby Transformer Station and Service Centre and Burlington Transformer Station; and Burlington Transformer Station and E. V. Buchanan Transformer Station. Three power-line carrier-relay-protection-channels were established between Des Joachims Generating Station and Minden Switching Station.

## **THUNDER BAY SYSTEM**

### **Telephone**

In the Thunder Bay System, 94 miles of single-circuit telephone line were constructed and 12 miles of single-circuit telephone line were restrung.

## **NORTHERN ONTARIO PROPERTIES**

### **Telephone**

A 150-pair communication cable was erected between Moose Lake Transformer Station and Moose Lake Condenser Station. The construction of 85 circuit miles of telephone line was completed. Permanent private branch telephone exchanges were installed at Hound Chute Generating Station and Fountain Falls Generating Station. The temporary private branch exchange at the Northeastern Regional Office was replaced by a permanent one and the installation of a new, automatic telephone exchange was completed. A temporary private branch exchange was installed at Pine Portage Generating Station.

## **ALL SYSTEMS**

### **Radio**

The establishment of a mobile radio network to provide emergency service for high-voltage transmission lines in southern Ontario has progressed to the point where there are now ten fixed frequency-modulation radio stations in operation at Windsor, Chatham, London, Burlington, Niagara Falls, Toronto, Markham, Belleville, Merivale, and Plantagenet. There are 69 radio-equipped line-maintenance trucks scattered throughout the Western, West Central, Toronto, Niagara, East Central, and Eastern Regions.

A fixed frequency modulation station was completed at Port Arthur and five line trucks were equipped with radio to provide emergency service for the distribution lines around Port Arthur.

A frequency modulation radio-telephone link was established between Merivale and Masson.

A mobile frequency-modulation radio-control system was installed for the Frequency Standardization Division consisting of six fixed stations, three portable stations, and fifteen mobile stations. This radio system provides the necessary links for co-ordination of switching and changeover operations.



## APPENDIX V

## ACTS AND ORDERS IN COUNCIL

AT THE 1950 Session of the Legislative Assembly of the Province of Ontario one Act respecting The Hydro-Electric Power Commission of Ontario was passed. The said Act is reproduced here in full. The short title of the Act is as follows:

The Power Commission Amendment Act, 1950, Chapter 55.

## ACT

## CHAPTER 55

*An Act to amend The Power Commission Act.*

*Assented to March 24th, 1950.*

*Session Prorogued April 6th, 1950.*

HIS MAJESTY, by and with the advice and consent of the Legislative Assembly of the Province of Ontario, enacts as follows:

Rev. Stat.,  
c. 62,  
amended.

1. *The Power Commission Act* is amended by adding thereto the following section:

Fiscal  
year.

6b. The fiscal year of the Commission for the year 1950 shall consist of fourteen months commencing on the 1st day of November, 1949, and ending on the 31st day of December, 1950, and thereafter the fiscal year of the Commission shall include the period from the 1st day of January to the 31st day of December in the same year.

2. Section 7 of *The Power Commission Act*, as amended by section 3 of *The Power Commission Amendment Act, 1946* and section 2 of *The Power Commission Amendment Act, 1949*, is repealed and the following substituted therefor:

- 7.—(1) The Commission shall after the close of each fiscal year file with the Provincial Secretary an annual report upon the affairs of the Commission. Annual report.
- (2) The annual report shall be signed by the chairman or vice-chairman of the Commission. Signing of report.
- (3) The Provincial Secretary shall submit the report to the Lieutenant-Governor in Council and shall then lay the report before the Assembly if it is then in session, or if not, at the next ensuing session. Tabling of report.

3. Section 54 of *The Power Commission Act* is repealed and the following substituted therefor: Rev. Stat., c. 62, s. 54, re-enacted.

- 54.—(1) Notwithstanding anything in *The Public Utilities Act*, or in any other Act, the council of a township may from time to time pass by-laws,— By-laws may be passed by township re,
- (a) for establishing, with the approval of the Commission, an area in the township to which any of the by-laws passed under clauses *b*, *c* and *d* may have effect, or establishing the whole township as such an area; establishing areas in township;
  - (b) for entering into a contract with the Commission, with the assent of the municipal electors of the area qualified to vote on money by-laws, for the supply of electrical power or energy for the use of the municipality and the inhabitants thereof in any area established under clause *a*; contract with Commission for power;
  - (c) for acquiring real and personal property and acquiring, constructing, reconstructing, extending and operating works for the development, transmission and distribution of electrical power or energy in the municipality; works;
  - (d) for exercising, for such purposes, any of the powers which may be exercised by a town under the authority of *The Municipal Act*, *The Local Improvement Act*, *The Public Utilities Act*, or this Act. general powers. Rev. Stat., cc. 266, 269, 286.

Alteration  
of areas.

- (2) The council, with the approval of the Commission, may from time to time, by by-law, enlarge the boundaries of any area established under clause *a* of subsection 1, or otherwise alter its boundaries or incorporate with it any other established area.

Debenture  
issue.

- (3) When the council has passed a by-law under clause *a* of subsection 1 or under subsection 2, it may issue debentures for the purposes of clause *b*, *c* or *d* of subsection 1, and levy a special rate for the amounts required to be raised on account of principal or sinking fund and of interest for the payment of such debentures in the area so established, enlarged or altered, and notwithstanding anything in *The Municipal Act* or in any other Act, it shall not be necessary to obtain the assent of the electors to the by-law for the issue of such debentures.

Commission  
for con-  
struction  
and manage-  
ment of  
works.

- (4) The council of a township which has entered into a contract with the Commission for the supply of electrical power or energy for the use of the municipality and the inhabitants thereof in any area established under clause *a* of subsection 1 may by by-law provide for entrusting the construction of the works and the control and management thereof to a commission to be called "The Hydro-Electric Commission of (*naming the area*) of (*naming the township*)" or if the area comprises the whole township, "The Hydro-Electric Commission of the Township of (*naming the township*)".

Assent of  
electors  
not neces-  
sary.

- (5) It shall not be necessary to obtain the assent of the electors to the establishment of any commission under subsection 4, but the commissioners elected shall be residents of the area for which they are elected commissioners.

Disestablish-  
ment of  
commission  
on incorpora-  
tion with  
other areas.

- (6) Upon the incorporation of any area in another area the commission, if any, for the area so incorporated shall be deemed to be disestablished and the commission, if any, for the other area shall be a commission for the combined area.

Revenue of  
commission.

- (7) Subject to subsection 8, where a commission has been established under this section and the members thereof have been elected, all the powers, rights, authorities and privileges which by *The Public Utilities Act* are conferred upon a municipal corporation in respect of electrical power or energy shall, while the by-law for establishing it remains in force, be exercised by the commission within the area for

Rev. Stat.,  
c. 286.



which it was established or within the area to which such area may have been enlarged and not by the council of the corporation.

- (8) Nothing in this section shall divest the council of its authority with reference to providing the money required for the works, and the treasurer of the municipality shall, upon the certificate of the commission, pay out any money so provided, and nothing in this Act shall divest the council of the rights and powers conferred upon it by *The Local Improvement Act*. Council to provide money for works.  
Rev. Stat., c. 269.
- (9) Section 37, 38, 39, 42 and 43 of *The Public Utilities Act* shall apply to every commission established under this section. Provisions of Rev. Stat., c. 286 to apply.
- (10) A by-law establishing a commission under this section may be repealed by the council at any time with the consent of The Hydro-Electric Power Commission of Ontario and it shall not be necessary to obtain the assent of the electors to a repeal. Repeal of by-law establishing commission.
- (11) Upon the repeal of a by-law establishing a commission under this section, the control and management of the works shall be vested in the council, and the commission shall cease to exist. Reverting of works.

4. Subsection 5 of section 56 of *The Power Commission Act*, as re-enacted by section 4 of *The Power Commission Amendment Act, 1948*, is amended by striking out the words "with the approval of the Lieutenant-Governor in Council" in the first and second lines, so that the subsection shall read as follows: Rev. Stat., c. 62, s. 56, subs. 5 (1948), c. 69, s. 4), amended.

- (5) The Commission may contract with a railway company or power or transmission company for the use of its right-of-way and property for the purposes of the Commission. Use of right-of-way of railway, power and transmission companies.

5. *The Power Commission Act* is amended by adding thereto the following section: Rev. Stat., c. 62, amended.

- 80a.—(1) Notwithstanding anything in this or any other Act the council of a township which has entered into a contract with the Commission under this Part, may, without petition and without submitting a by-law to a vote of the electors, enter into a contract with the Commission for the lighting by the Commission of highways in the municipality and pursuant to such contract, the Commission, on behalf of the corporation, may acquire, construct, extend, Lighting of highways without a petition.

reconstruct, hold, maintain, operate and administer all works necessary for the lighting of the highways and a by-law of the corporation authorizing the execution of the contract by the corporation need not provide for the issue of debentures of the corporation to meet the cost of construction and installation of the works necessary for this purpose.

Street  
lighting  
works.

- (2) All the works in subsection 1 shall be deemed street lighting works and shall not form any part of the primary or secondary lines in a rural power district.

Part II  
as to annual  
payment  
to apply.

- (3) The provisions of Part II with respect to the annual payments to be made by any corporation which has entered into a contract with the Commission shall apply to any contract entered into under this section and shall extend to all works constructed under such contract.

Charging  
of cost.

- (4) Notwithstanding anything in this or any other Act the cost incurred by the corporation under this section shall be paid by the corporation and be chargeable to the municipality as a whole and the assent of the electors to a by-law for such purpose shall not be required.

Rev. Stat.,  
c. 62, s. 87,  
amended.

6. Section 87 of *The Power Commission Act*, as amended by section 5 of *The Power Commission Amendment Act, 1944*, is further amended by adding thereto the following subsections:

Appointment  
of persons  
or associa-  
tions to in-  
spect and  
test.

- (2a) The Commission may appoint persons or associations having, in the opinion of the Commission, special knowledge and facilities to inspect, test and report upon any of the works or matters mentioned in subsection 1.

Approval by  
adoption of  
report.

- (2b) The Commission may approve of any of the works or matters mentioned in subsection 1 by adopting the report made pursuant to subsection 2a or otherwise as the Commission may deem advisable.

Rev. Stat.,  
c. 62, s. 92,  
subs. 2,  
amended.

7.—(1) Subsection 2 of section 92 of *The Power Commission Act* is amended by adding at the end thereof the words “and a contract with an insurance corporation for the purpose of this section may protect more than one municipal corporation or municipal commission as the insured thereunder”, so that the subsection shall read as follows:

Amount  
and terms.

- (2) The insurance shall be for such amount and upon such terms and conditions as the Commission may direct and approve and a contract with an insurance

corporation for the purpose of this section may protect more than one municipal corporation or municipal commission as the insured thereunder.

(2) The said section 92 is further amended by adding thereto the following subsection: Rev. Stat.,  
c. 62, s. 92,  
amended.

(5) Where any municipal corporation or commission is in Schedule 1 of *The Workmen's Compensation Act* and is paying assessment to the Workmen's Compensation Board, notwithstanding any other provision in this Act, it shall not be necessary for such municipal corporation or commission to maintain insurance against injury to the person of employees. Where insurance not  
necessary.  
Rev. Stat.,  
c. 204.

8. Schedule A to *The Power Commission Act*, as re-enacted by section 18 of *The Power Commission Amendment Act, 1946*, is amended by striking out the word "year" in the first line and inserting in lieu thereof the words "the twelve-month period". Rev. Stat.,  
c. 62,  
Sched. A  
(1946,  
c. 73, s. 18),  
amended.

9. This Act shall come into force on the day it receives the Royal Assent. Commence-  
ment of Act.

10. This Act may be cited as *The Power Commission Amendment Act, 1950*. Short title.

## ORDERS IN COUNCIL

The agreements between The Hydro-Electric Power Commission of Ontario and municipalities, corporations, and persons approved by Orders in Council during 1950 are listed hereunder.

### CO-OPERATIVE SYSTEMS

| VILLAGES                |               |  |               |
|-------------------------|---------------|--|---------------|
| Erin                    | Mar. 14, 1950 | Kenyon (Street Lighting—<br>Greenfield)      | July 19, 1950 |
| Magnetawan              | Dec. 20, 1950 | Kenyon (Street Lighting—<br>Dunvegan)        | July 19, 1950 |
| Merrickville            | July 19, 1950 | King   | Jan. 15, 1951 |
|                         |               | Kitley                                       | Dec. 20, 1950 |
| TOWNSHIPS               |               |  |               |
| Brock                   | Dec. 20, 1950 | Lochiel (Street Lighting—<br>Glen Sandfield) | July 19, 1950 |
| Burleigh and Anstruther | Aug. 1, 1950  | Lochiel (Street Lighting—<br>Dalkeith)       | July 19, 1950 |
| Charlottenburg          | Dec. 20, 1950 | Mariposa                                     | Dec. 20, 1950 |
| Clarke                  | Dec. 20, 1950 | Melancthon                                   | Dec. 20, 1950 |
| Essa                    | Dec. 20, 1950 | Monmouth                                     | Dec. 20, 1950 |
| Georgina                | July 19, 1950 | Rear of Yonge and Escott                     | July 19, 1950 |
| Glamorgan               | Dec. 20, 1950 | Russell                                      | April 4, 1950 |
| Gloucester              | Dec. 4, 1950  | Smith  | Mar. 14, 1950 |
| Goulburn                | Dec. 20, 1950 | Storrington                                  | Mar. 7, 1950  |
| Greenock                | Feb. 8, 1950  |  |               |
| Head, Clara, and Maria  | Jan. 13, 1949 |  |               |



## CORPORATIONS

|   |                |
|---|----------------|
| Caldwell Linen Mills Limited.....   | July 12, 1950  |
| Canada Cement Company, Limited.....   | Aug. 25, 1950  |
| Canada Starch Company, Limited.....   | Aug. 9, 1950   |
| Canadian Industries Limited.....  | Dec. 12, 1950  |
| Canadian Industries Limited.....  | Dec. 19, 1950  |
| Dominion Magnesium Limited.....   | Oct. 11, 1950  |
| Exolon Company Incorporated.....  | Dec. 20, 1950  |
| General Motors Diesel Limited.....  | Jan. 31, 1950  |
| Gypsum, Lime and Alabastine, Canada, Limited.....   | Aug. 25, 1950  |
| His Majesty the King in right of Canada, represented by the Minister of Trade and Commerce herein acting through Canadian Arsenals Limited..... | Sept. 19, 1950 |
| His Majesty the King in right of Canada as represented herein by the Honourable the Minister of National Defence.....                           | April 6, 1950  |
| Lionite Abrasives Limited.....  | Aug. 25, 1950  |
| Maple Leaf Milling Company, Limited.....  | Nov. 28, 1950  |
| Niagara Mohawk Power Corporation.....   | July 5, 1950   |
| Norton Company.....   | Nov. 8, 1950   |
| Peebles Products Limited.....   | July 19, 1950  |
| Thompson-Heyland Lumber Limited.....  | April 24, 1950 |

## NORTHERN ONTARIO PROPERTIES

| TOWN                     |               | Tisdale.....          | May 23, 1950   |
|--------------------------|---------------|-----------------------|----------------|
| Cache Bay.....           | May 31, 1950  | Whitney.....          | Feb. 3, 1950   |
| TOWNSHIPS                |               | IMPROVEMENT DISTRICTS |                |
| Caldwell.....            | June 13, 1950 | Atikokan.....         | Oct. 3, 1950   |
| Morley and Pattullo..... | July 19, 1950 | Kingsford.....        | April 19, 1950 |
| Strong.....              | May 23, 1950  | McGarry.....          | Aug. 1, 1950   |

## CORPORATIONS

|  |                |
|--|----------------|
| Armistice Gold Mines Limited.....                  | Feb. 27, 1950  |
| Boymar Gold Mines Limited.....                     | May 15, 1950   |
| Campbell Red Lake Mines Limited.....               | July 19, 1950  |
| Central Patricia Gold Mines Limited.....           | Feb. 17, 1950  |
| Cochenour-Willans Gold Mines Limited.....          | Nov. 13, 1950  |
| Crowshore Patricia Gold Mines Limited.....         | Mar. 28, 1950  |
| Dome Mines Limited.....                            | July 18, 1950  |
| McKenzie Red Lake Gold Mines Limited.....          | Feb. 17, 1950  |
| McKenzie Red Lake Gold Mines Limited.....          | Oct. 16, 1950  |
| New Jason Mines Limited.....                       | July 19, 1950  |
| Omega Gold Mines Limited.....                      | April 27, 1950 |
| Pickle Crow Gold Mines Limited.....                | June 8, 1950   |
| Shag Silver Mines Limited.....                     | May 23, 1950   |
| Spruce Falls Power and Paper Company, Limited..... | Dec. 12, 1950  |

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| Municipal Activities.....                   | 43             |
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| Alvinston—                                  |                |
| Municipal Accounts.....                     | A, 121; B, 179 |
| Statements.....                             | c, 240; d, 268 |
| Load in Kilowatts.....                      | 284            |
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|                           |                |
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| Municipal Accounts  | A, 122; B, 180 |
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| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
| Ayr—  |                |
| Municipal Accounts  | A, 122; B, 180 |
| Statements  | C, 240; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Baden—  |                |
| Municipal Accounts  | A, 123; B, 181 |
| Statements  | C, 240; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
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| Statements  | C, 240         |
| Load in Kilowatts   | 284            |
| Bancroft—   |                |
| Municipal Activities  | 44             |
| Municipal Accounts  | A, 123; B, 181 |
| Statements  | C, 240; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
| Barrie—   |                |
| Municipal Activities  | 43             |
| Municipal Accounts  | A, 123; B, 181 |
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| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Municipal Accounts  | A, 123; B, 181 |
| Statements  | C, 240; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Municipal Accounts  | A, 123; B, 181 |
| Statements  | C, 240; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Municipal Accounts  | A, 123; B, 181 |
| Statements  | C, 240; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
| Beamsville—   |                |
| Municipal Accounts  | A, 123; B, 181 |
| Statements  | C, 240; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Municipal Accounts  | A, 124; B, 182 |
| Statements  | C, 240; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Municipal Accounts  | A, 124; B, 182 |
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| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Municipal Accounts  | A, 124; B, 182 |
| Statements  | C, 240; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Municipal Accounts  | A, 124; B, 182 |
| Statements  | C, 242; D, 262 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
| Blenheim—   |                |
| Municipal Accounts  | A, 124; B, 182 |
| Statements  | C, 242; D, 264 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Municipal Accounts  | A, 125; B, 183 |
| Statements  | C, 242; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
| Blyth—  |                |
| Municipal Accounts  | A, 125; B, 183 |
| Statements  | C, 242; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
| Bobcaygeon—   |                |
| Municipal Accounts  | A, 125; B, 183 |
| Statements  | C, 242; D, 268 |
| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |
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| Load in Kilowatts   | 284            |
| Cost of Power   | 308            |
| Sinking Fund  | 326            |



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| Municipal Accounts.....                         | A, 125; B, 183 |
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| Cost of Power.....                              | 308            |
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| Municipal Accounts.....                         | A, 126; B, 184 |
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| Cost of Power.....                              | 308            |
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| Sinking Fund.....                               | 326            |
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| Cost of Power.....                              | 310            |
| Sinking Fund.....                               | 326            |
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| Cost of Power.....                              | 310            |
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| Cost of Power.....                              | 310            |
| Sinking Fund.....                               | 326            |
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| Municipal Accounts.....                         | A, 127; B, 185 |
| Statements.....                                 | C, 242; D, 268 |
| Load in Kilowatts.....                          | 285            |
| Cost of Power.....                              | 310            |
| Sinking Fund.....                               | 326            |
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| Statements.....                        | C, 242; D, 268 |  |  | Sinking Fund.....                     | 326            |
| Load in Kilowatts.....                 | 291            |  |  | Cobalt—                               |                |
| Cost of Power.....                     | 310            |  |  | Load in Kilowatts.....                | 291            |
| Cardinal—                              |                |  |  | Cobden—                               |                |
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| Statements.....                        | C, 242; D, 268 |  |  | Municipal Accounts.....               | A, 130; B, 188 |
| Load in Kilowatts.....                 | 285            |  |  | Statements.....                       | C, 242; D, 270 |
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| Cost of Power.....                     | 310            |  |  | Cost of Power.....                    | 310            |
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| Load in Kilowatts.....                 | 285            |  |  | Load in Kilowatts.....                | 285            |
| Cost of Power.....                     | 310            |  |  | Cost of Power.....                    | 310            |
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| Statements.....   | C, 244; D, 270 |
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| Cost of Power.....  | 310            |
| Sinking Fund.....   | 326            |
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| Municipal Activities.....   | 43             |
| Municipal Accounts.....   | A, 132; B, 190 |
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| Cost of Power.....      | 310            |
| Sinking Fund.....       | 326            |
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| Municipal Accounts..... | A, 132; B, 190 |
| Statements.....         | C, 244; D, 270 |
| Load in Kilowatts.....  | 285            |
| Cost of Power.....      | 310            |
| Sinking Fund.....       | 326            |
| Delhi—                  |                |
| Municipal Accounts..... | A, 132; B, 190 |
| Statements.....         | C, 244; D, 264 |
| Load in Kilowatts.....  | 285            |
| Cost of Power.....      | 310            |
| Sinking Fund.....       | 326            |

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| Cost of Power.....  | 310            |
| Sinking Fund.....   | 326            |
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| Municipal Accounts.....   | A, 133; B, 191 |
| Statements.....   | C, 244; D, 270 |
| Load in Kilowatts.....  | 285            |
| Cost of Power.....  | 310            |
| Sinking Fund.....   | 326            |
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| Municipal Activities.....   | 40             |
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| Municipal Accounts.....   | A, 133; B, 191 |
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| Load in Kilowatts.....  | 285            |
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| Sinking Fund.....   | 327            |
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| Municipal Accounts.....   | A, 133; B, 191 |
| Statements.....   | C, 244; D, 270 |
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| Sinking Fund.....   | 327            |
| Dundalk—  |                |
| Municipal Accounts.....   | A, 133; B, 191 |
| Statements.....   | C, 244; D, 270 |
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| Municipal Accounts..... | A, 133; B, 191 |
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| Statements.....         | C, 244; D, 264 |
| Load in Kilowatts.....  | 285            |
| Cost of Power.....      | 312            |
| Sinking Fund.....       | 327            |

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| Municipal Accounts..... | A, 134; B, 192 |
| Statements.....         | C, 244; D, 270 |
| Load in Kilowatts.....  | 285            |
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| Cost of Power.....      | 312            |
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| Municipal Accounts..... | A, 135; B, 193 |
| Statements.....         | C, 244; D, 270 |
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| Municipal Accounts..... | A, 168; B, 226 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 320            |
| Sinking Fund.....       | 329            |

## W

|                         |                |
|-------------------------|----------------|
| Walkerton—              |                |
| Municipal Accounts..... | A, 169; B, 227 |
| Statements.....         | C, 256; D, 266 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 320            |
| Sinking Fund.....       | 329            |
| Wallaceburg—            |                |
| Municipal Accounts..... | A, 169; B, 227 |
| Statements.....         | C, 256; D, 266 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

|                         |                |
|-------------------------|----------------|
| Wardsville—             |                |
| Municipal Accounts..... | A, 169; B, 227 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

|                         |                |
|-------------------------|----------------|
| Warkworth—              |                |
| Municipal Accounts..... | A, 169; B, 227 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

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|-------------------------|----------------|
| Waterdown—              |                |
| Municipal Accounts..... | A, 169; B, 227 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

|                         |                |
|-------------------------|----------------|
| Waterford—              |                |
| Municipal Accounts..... | A, 169; B, 227 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

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| Water-Heaters, Domestic..... | 99 |
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| Waterloo—               |                |
| Municipal Accounts..... | A, 170; B, 228 |
| Statements.....         | C, 256; D, 262 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

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| Water Supply— Southern Ontario   |    |
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| Thunder Bay System.....          | 16 |
| Northern Ontario Properties..... | 17 |

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| Watford—                |                |
| Municipal Accounts..... | A, 170; B, 228 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

|                         |                |
|-------------------------|----------------|
| Waubashene—             |                |
| Municipal Accounts..... | A, 170; B, 228 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

|                                     |    |
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| System.....                         | 14 |
| Thunder Bay System.....             | 16 |
| Northern Ontario Properties.....    | 18 |

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| Welland—                |                |
| Municipal Accounts..... | A, 170; B, 228 |
| Statements.....         | C, 256; D, 262 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

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| Wellesley—              |                |
| Municipal Accounts..... | A, 171; B, 229 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Wellington—

|                           |                |
|---------------------------|----------------|
| Municipal Activities..... | 44             |
| Municipal Accounts.....   | A, 171; B, 229 |
| Statements.....           | C, 256; D, 276 |
| Load in Kilowatts.....    | 290            |
| Cost of Power.....        | 322            |
| Sinking Fund.....         | 329            |

## West Central Region, Municipal

|                 |    |
|-----------------|----|
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## West Lorne—

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|---------------------------|----------------|
| Municipal Activities..... | 40             |
| Municipal Accounts.....   | A, 171; B, 229 |
| Statements.....           | C, 256; D, 276 |
| Load in Kilowatts.....    | 290            |
| Cost of Power.....        | 322            |
| Sinking Fund.....         | 329            |

## Weston—

|                           |                |
|---------------------------|----------------|
| Municipal Activities..... | 42             |
| Municipal Accounts.....   | A, 171; B, 229 |
| Statements.....           | C, 256; D, 266 |
| Load in Kilowatts.....    | 290            |
| Cost of Power.....        | 322            |
| Sinking Fund.....         | 329            |

## Westport—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 171; B, 229 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Wheatley—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 171; B, 229 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Whitby—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 171; B, 229 |
| Statements.....         | C, 256; D, 266 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Whitney Twp.—

|                         |     |
|-------------------------|-----|
| Agreement Approved..... | 372 |
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## Wiarton—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 172; B, 230 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Williamsburg—

|                           |                |
|---------------------------|----------------|
| Municipal Activities..... | 45             |
| Municipal Accounts.....   | A, 172; B, 230 |
| Statements.....           | C, 256; D, 276 |
| Load in Kilowatts.....    | 290            |
| Cost of Power.....        | 322            |
| Sinking Fund.....         | 329            |

## Winchester—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 172; B, 230 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Windermere—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 172; B, 230 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Windsor—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 173; B, 231 |
| Statements.....         | C, 256; D, 262 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Wingham—

|                           |                |
|---------------------------|----------------|
| Municipal Activities..... | 44             |
| Municipal Accounts.....   | A, 173; B, 231 |
| Statements.....           | C, 256; D, 266 |
| Load in Kilowatts.....    | 290            |
| Cost of Power.....        | 322            |
| Sinking Fund.....         | 329            |

## Woodbridge—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 173; B, 231 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

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## Woodstock—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 173; B, 231 |
| Statements.....         | C, 256; D, 262 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Woodville—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 173; B, 231 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Wyoming—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 173; B, 231 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |

## Y

## Yonge and Escott Twp., Rear of—

|                         |     |
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| Agreement Approved..... | 371 |
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## York Twp.—

|                           |                |
|---------------------------|----------------|
| Municipal Activities..... | 42             |
| Municipal Accounts.....   | A, 174; B, 232 |
| Statements.....           | C, 256; D, 262 |
| Load in Kilowatts.....    | 290            |
| Cost of Power.....        | 322            |
| Sinking Fund.....         | 329            |

## Z

## Zurich—

|                         |                |
|-------------------------|----------------|
| Municipal Accounts..... | A, 174; B, 232 |
| Statements.....         | C, 256; D, 276 |
| Load in Kilowatts.....  | 290            |
| Cost of Power.....      | 322            |
| Sinking Fund.....       | 329            |







RICHARD L. HEARN GENERATING STATION—TORONTO





